User's manual

CL84109/CL84209/CL84309 DECT 6.0 corded/cordless telephone/answering system with caller ID/call waiting

Congratulations

on your purchase of this AT&T product. Before using this AT&T product, please read the **Important safety information** on pages 78-79 of this manual. Please thoroughly read this user's manual for all the feature operations and troubleshooting information necessary to install and operate your new AT&T product. You can also visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Model #:	CL84109 (one handset) CL84209 (two handsets) CL84309 (three handsets)
Type:	DECT 6.0 corded/cordless telephone/answering system with caller ID/call waiting

Serial #: _____

Purchase date: _____

Place of purchase: _____

Both the model and serial number of your AT&T product can be found on the bottom of the telephone base.

Save your sales receipt and original packaging in case it is necessary to return your telephone for warranty service.

Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear implants. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.

Powered by an ENERGY STAR® qualified adapter for a better environment

The ENERGY STAR® program (www.energystar.gov) recognizes and encourages the use of products that save energy and help protect our environment. We are proud to supply this product with an ENERGY STAR® qualified power adapter meeting the latest energy efficiency guidelines.

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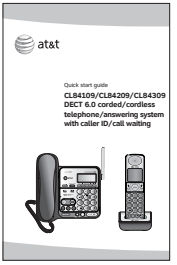
Parts checklist

Your telephone package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.

User's manual



Quick start guide

Cordless handset
(One for CL84109)
(Two for CL84209)
(Three for CL84309)

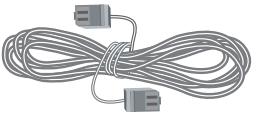
Telephone base

Charger for cordless handset
with power adapter installed
(One for CL84109)
(Two for CL84209)
(Three for CL84309)

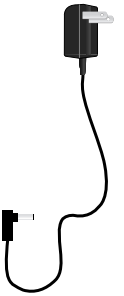
Battery for cordless handset
(One for CL84109)
(Two for CL84209)
(Three for CL84309)

Battery compartment cover
(One for CL84109)
(Two for CL84209)
(Three for CL84309)

Corded handset with
coiled cord installed



Telephone line cord



Power adapter for
telephone base

User's manual

CL84109/CL84209/CL84309 DECT 6.0 corded/cordless telephone/answering system with caller ID/call waiting

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Quick reference guide - handset

CHARGE indicator

On when the handset is charging in the charger.

▼CID/-VOLUME

Press **▼CID** to show caller ID history (page 50).

Press to scroll down while in menus.

While entering names or numbers, press to move the cursor to the left.

Press to decrease the listening volume when on a call.

PHONE/FLASH

Press to make or answer a call.

During a call, press to answer an incoming call when you receive a call waiting alert (page 31).

1

While reviewing a call log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

MUTE/DELETE

During a call, press to mute the microphone (page 31).

While reviewing the caller ID history, the directory or the redial memory, press to delete an individual entry (page 51, page 45 and page 30 respectively).

While predialing, press to delete digits (page 28).

SPEAKER

Press to turn on the handset speakerphone, press again to resume normal handset use (page 29).

MENU/SELECT

Press to show the menu.

While in the menu, press to select an item or save an entry or setting.

DIR▲/+VOLUME

Press **DIR▲** to show directory entries (page 43).

Press to scroll up while in menus.

While entering names or numbers, press to move the cursor to the right.

Press to increase the listening volume when on a call.

OFF/CLEAR

During a call, press to hang up.

While in a menu, press to cancel an operation, back up to the previous menu, or exit the menu display.

Press and hold while the telephone is not in use to erase the missed calls indicator.

#

Press repeatedly to display other dialing options when reviewing a call log entry (page 50).

REDIAL/PAUSE

Press repeatedly to view the last five numbers dialed (page 30).

While entering numbers, press and hold to insert a dialing pause (page 39).

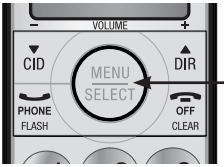
INT

Press to begin an intercom conversation or to transfer a call (pages 34-37).

Quick reference guide - handset

Main menu

> Highlights a menu item.



Main menu

ANS. SYSTEM (page 55)
DIRECTORY (page 38)
CALL LOG (page 47)
RINGER VOLUME (page 14)
RINGER TONE (page 15)
KEY TONE (page 15)
LCD LANGUAGE (page 15)
SET DATE/TIME (page 16)
CLR VOICEMAIL (page 17)
HOME AREA CODE (page 18)

Using menus

Press **MENU/SELECT** to show the main menu.

Press **▼CID** or **DIR▲** to scroll through menu items.

Press **MENU/SELECT** to select or save changes to a highlighted menu item.

Press **OFF/CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display.

Quick reference guide - telephone base

- **INTERCOM/HANDSET LOCATOR**: While phone is idle, press to page all handsets (page 33) or initiate an intercom call (page 35).
- **FLASH**: During a call, press to answer an incoming call when you receive a call waiting alert (page 31).

IN USE

- On when a handset is in use, when the answering system is answering an incoming call or you are registering a handset.
- Flashes when another telephone is in use on the same line or you are deregistering handset from the telephone base.
- Flashes quickly when there is an incoming call.

VOICEMAIL

- Flashes when you have new voicemail. Voicemail is a service offered by your local telephone company, and is different from answering system messages (page 55).

- **CLEAR**: While using menus, press to cancel an operation, back up to the previous menu or exit the menu display.
- **▼CID**: Press when the phone is idle to display the call history (page 50). Press to scroll down while in menus and lists. While entering numbers or letters, press to move the cursor to the left.
- **MENU/SELECT**: Press to show the menu. While in the menu, press to select an item or save an entry or setting.
- **DIR▲**: Press when the phone is idle to display the directory (page 43). Press to scroll up while in menus and lists. While entering or modifying names, press to move the cursor to the right.
- **DISP DIAL**: Press to dial the number currently displayed.

- **⏻ ANSWER ON**: Press to turn the answering system on or off (page 55).
- **▶/■ PLAY/STOP**: Press to start or stop message playback (page 57).
- **X DELETE**: Press to delete the message currently playing. When in idle mode, press twice to delete all old messages (page 58).
- **◀◀ REPEAT**: Press to repeat the message; press twice to play the previous message (page 58).
- **▶▶ SKIP**: Press to skip the message (page 58).

- **VOLUME ▲▼**: Press to adjust the volume of the speakerphone (if speakerphone is on), message playback (during playback) or ringer (when the telephone base is not in use).
- **REDIAL/PAUSE**: Before dialing any numbers, press to display the last five numbers dialed (page 30).

  While predialing or entering numbers into your directory, press and hold to insert a dialing pause (page 41).
- **MUTE**: Press to turn off the microphone; press again to resume your conversation (page 31).
- **🔊 SPEAKER**: Press to switch between speakerphone and corded handset (page 29).

Installation

You must install and charge the battery before using the telephone.

See pages 8-9 for easy instructions.

Install the telephone base close to a telephone jack and a power outlet not controlled by a wall switch. The telephone base can be placed on a flat surface or vertically mounted on the wall (see page 10). For optimum range and better reception, place the telephone base in a central and open location.

If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see page 6). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Your product may be shipped with a protective sticker covering the handset or telephone base display - remove it before use.

For customer service or product information, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Avoid placing the telephone base too close to:

- Communication devices such as: television sets, VCRs, or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or workbench.

Backup batteries installation and use

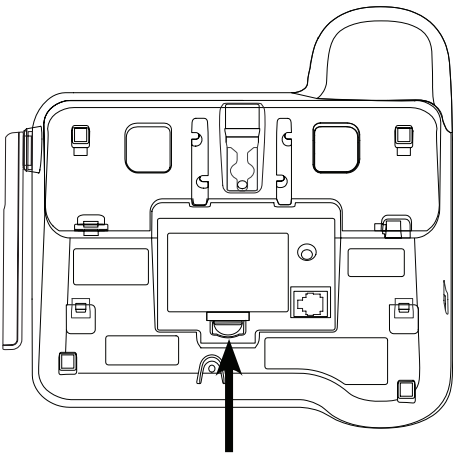
In the event of a power failure, your telephone can still operate with limited functions if there are backup batteries (purchased separately) installed in the telephone base. If a power failure happens during a call on the corded handset, the call continues (at the lowest volume) until you hang up; while a call on the cordless handset or speakerphone disconnects immediately.

During a power failure, you can still make and answer calls using the corded handset. However, you cannot make or answer calls on the cordless handset or speakerphone.

If power resumes while you are on a call, the call continues and the telephone resets once you hang up.

Follow the steps below to install backup batteries.

1. Make sure the telephone line cord and power adapter cord are not connected to the telephone base.
2. Press the tab on the base battery cover (on the bottom of the telephone base) toward the cover and swing open the battery door.
3. Insert three new AAA alkaline batteries, matching the + and - signs engraved on the telephone base.
4. Replace the backup battery cover onto the telephone base; the cover clicks into place when it is attached properly.



During a power failure, if the backup batteries are installed, the telephone base displays **CHECK AC POWER**.

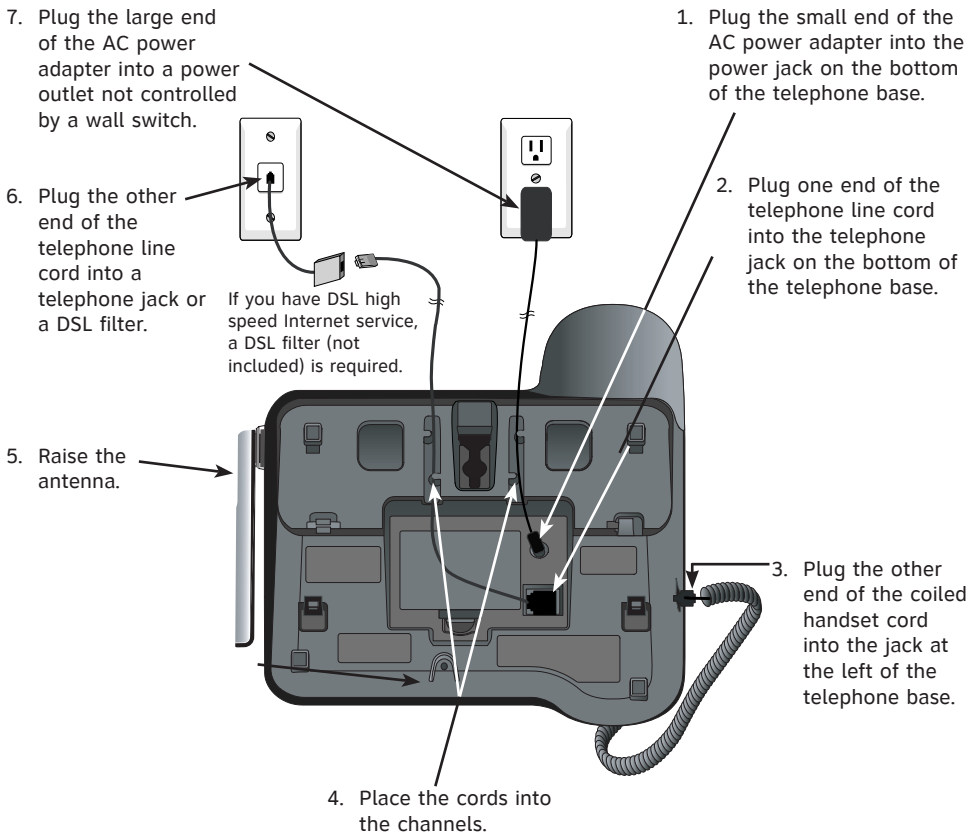
NOTES:

1. With backup batteries, the base ringer and the handset listening volume will be at the lowest setting.
2. We recommend changing the batteries every nine months.

Telephone base installation

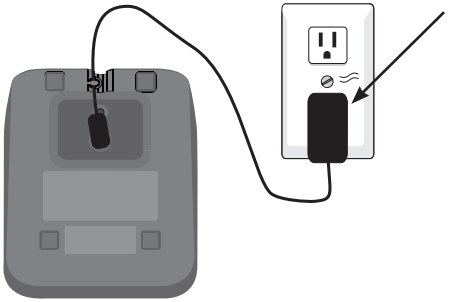
Install the telephone base as shown below.

The telephone base is ready for tabletop use. If you want to change to wall mounting, see page 10 for details.


7. Plug the large end of the AC power adapter into a power outlet not controlled by a wall switch.
6. Plug the other end of the telephone line cord into a telephone jack or a DSL filter.
If you have DSL high speed Internet service, a DSL filter (not included) is required.
1. Plug the small end of the AC power adapter into the power jack on the bottom of the telephone base.
2. Plug one end of the telephone line cord into the telephone jack on the bottom of the telephone base.
5. Raise the antenna.
3. Plug the other end of the coiled handset cord into the jack at the left of the telephone base.
4. Place the cords into the channels.

Charger installation

Install the charger as shown below.



Plug the power adapter into an electrical outlet not controlled by a wall switch.

IMPORTANT INFORMATION

1. Use only the power adapter(s) supplied with this product. To order a replacement power adapter, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.
2. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

Battery installation & charging

Install the battery as shown below. Once you have installed the battery, the screen indicates the battery status (see table below). If necessary, place the handset in the telephone base or charger to charge the battery. For best performance, keep the handset in the charger when not in use. The battery is fully charged after 16 hours of continuous charging. See the table on page 84 for battery operating times.

If the screen is blank, you need to charge the handset without interruption for at least 10 minutes to give the handset enough charge to use the telephone for a short time. The screen shows **LOW BATTERY** and the backlight is off until you have charged the battery without interruption for at least one hour. The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank.	Battery has no charge and the handset cannot be used.	Charge without interruption until the screen shows **LOW BATTERY** (at least 10 minutes).
The screen shows **PLACE IN CHARGER** and flashes.	Battery has very little charge and the handset cannot be used.	Charge without interruption until the screen shows **LOW BATTERY** (at least four minutes).
The screen shows **LOW BATTERY** and flashes.	Battery has enough charge to be used for a short time.	Charge without interruption until the screen shows **HANDSET X** (at least one hour).
The screen shows **HANDSET X**.	Battery is charged.	To keep the battery charged, place it in the charger when not in use.

NOTE: If you are on a phone call in low battery mode, you hear four short beeps every minute.

Step 1

Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label. Insert the supplied battery with the label **THIS SIDE UP** facing up as indicated.

Step 2

Align the cover flat against the battery compartment, then slide it upwards until it clicks into place.

Battery installation & charging

Step 3

Charge the handset by placing it face up in the charger. The **CHARGE** light will be on when charging.

IMPORTANT INFORMATION

1. Use only the supplied rechargeable battery or replacement battery (model BT8001). To order, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.
2. If you do not use the handset for a long time, disconnect and remove the battery to prevent possible leakage.

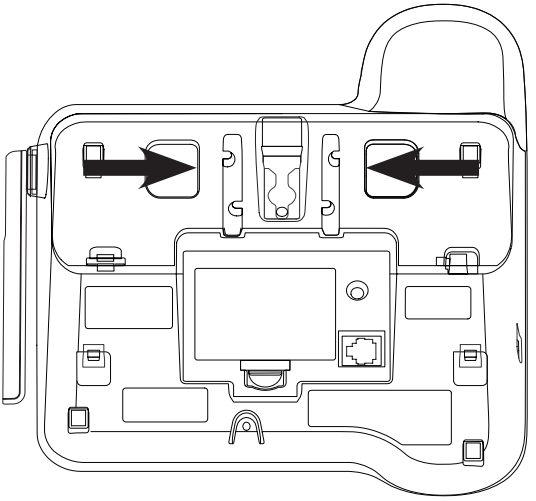
Installation options

The telephone base comes with the mounting bracket already installed for desktop use. If you want to mount your telephone on a wall, move the mounting bracket so the telephone can connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronic retailers. You might need a professional to install the mounting plate.

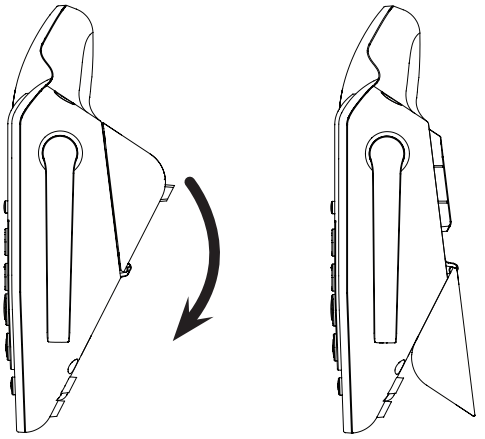
Desktop to wall mount installation

To install the telephone base in the wall mount position, make sure that you first unplug all cords connected to the telephone base.

1. Press in as the arrows indicate. The bracket will detach from the telephone base. Swivel it down into wall mount position, making sure it clicks into place.



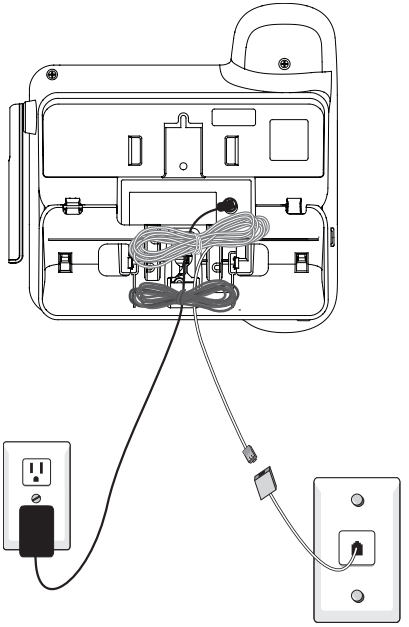
Side view



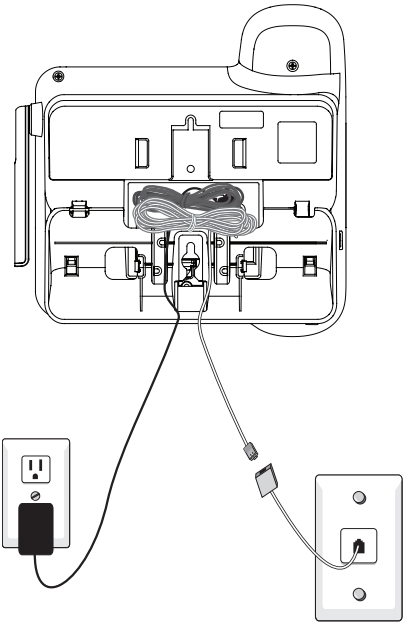
Desk mount Wall mount

Installation options

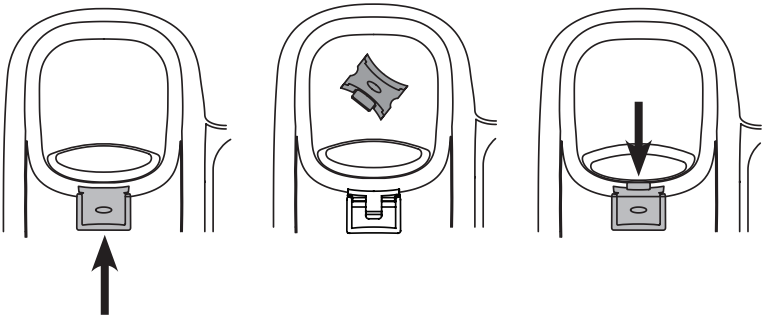
2. Connect the telephone line cord and power adapter cord to the jacks on the bottom of the telephone base. Bundle the telephone cord and power adapter cord, and secure them with a twist tie. Plug the power adapter and telephone line into the wall outlets.



3. Place the bundled telephone line cord and power adapter cord into the cavity under the telephone base as shown below. Align the mounting studs on the telephone outlet plate with the mounting holes on the bracket.



4. Remove the corded telephone handset tab from the telephone base, rotate and replace it to hold the corded handset securely in place when telephone base is mounted on the wall.

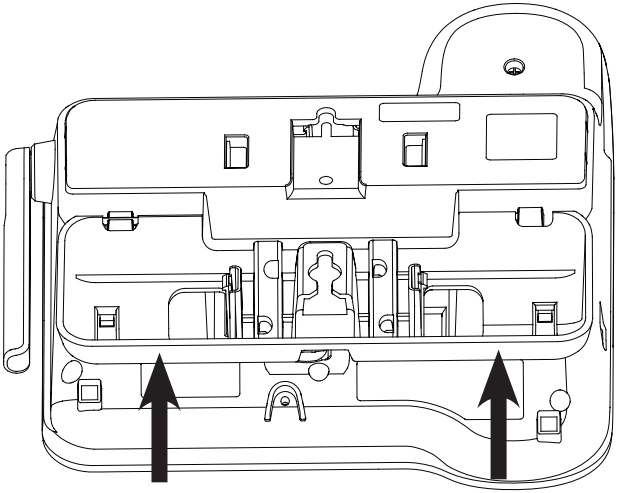


Installation options

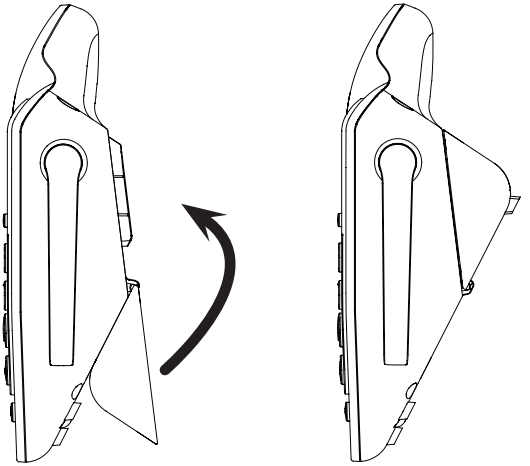
Wall mount to desktop installation

To change the telephone base from the wall mount position to desktop position:

1. Untie the bundled telephone cord and power adapter cord, and make sure that you unplug the power adapter and telephone line cord from the wall outlets before you begin.
2. Remove the telephone base from the wall.
3. Push as indicated by arrows in the illustration until the bracket is released, and swing it upward until it clicks into the desktop position.



Side view

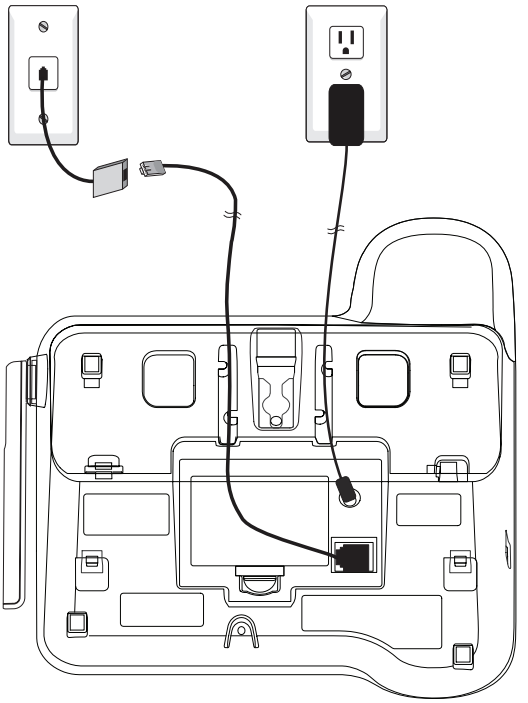


Wall mount

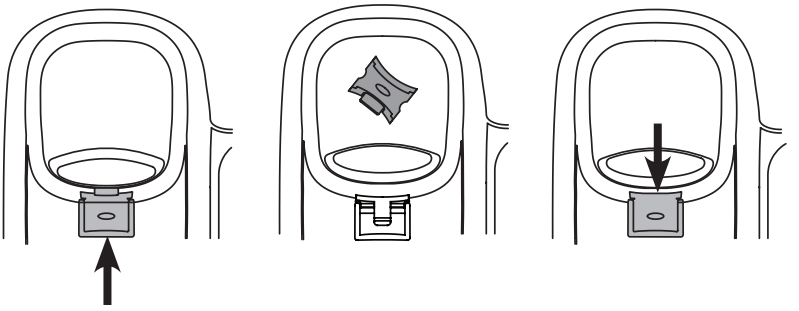
Desk mount

Installation options

4. Connect the telephone line cord and power adapter cord to the jacks on the bottom of the telephone base. Plug the power adapter and telephone line into the wall outlets.



5. Remove the corded telephone handset tab, rotate and replace for desktop use.



Handset settings

Menu settings

Use the feature menu on the handset to customize how the handset works. Refer to page 23 to customize how the telephone base works.

1. Press **MENU/SELECT** when in idle mode (when the phone is not in use) to enter the main menu.
2. Press **▼CID** or **DIR▲** to scroll to the feature you want to change. When scrolling through the menu, the top menu item is always highlighted with a > symbol.
3. Press **MENU/SELECT** to select the highlighted item.

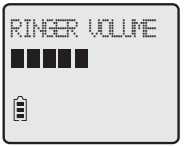
NOTE: Press **OFF/CLEAR** to cancel an operation, back up to the previous menu or exit the menu display. Press and hold **OFF/CLEAR** to return to idle mode.

Ringer volume

You can set the ringer volume level (1-6), or turn the ringer off. When the ringer is off, appears on the screen.

To adjust the ringer volume on a cordless handset:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>RINGER VOLUME**, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to sample each volume level.
4. Press **MENU/SELECT** to save your preference and return to the main menu.



NOTES:

1. The ringer volume also determines the ringer volume for intercom calls (page 34) and the paging tone for the handset locator (page 33). If the handset or telephone base ringer volume is set to off, that handset is silenced for all incoming calls and paging.
2. The telephone base and each handset has unique ringer volume settings. Setting or turning off each only affects incoming and intercom calls for that telephone base or handset.

Handset settings

Ringer tone

You can choose one of 10 ringer tones.

To select the ringer tone on a cordless handset:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>RINGER TONE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to sample each ringer tone.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

NOTE: If you turn off the ringer volume, you do not hear ringer tone samples.

Key tone

The handset is factory programmed to beep with each key press. If you turn off the **KEY TONE**, there are no beeps when you press keys.

To turn on or off of the key tone on a cordless handset:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>KEY TONE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ON** or **OFF**.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

LCD Language

You can select the language used for all screen displays.

To set the language on a cordless handset:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>LCD LANGUAGE**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ENGLISH**, **FRANCAIS** or **ESPANOL**.
4. Press **MENU/SELECT** to save your preference and return to the main menu.

Handset settings

Set date/time

The answering system announces the day and time of the message prior to playing it. Before using the answering system, set the date and time as follows. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. The year must be set so that the day of the week can be calculated from the caller ID information.

Follow the steps below to set the month, day, year and time on a cordless handset.

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press ▼**CID** or **DIR**▲ to scroll to **>SET DATE/TIME**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select the month, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
4. Press ▼**CID** or **DIR**▲ to select the day, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
5. Press ▼**CID** or **DIR**▲ to select the year, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
6. Press ▼**CID** or **DIR**▲ to select the hour, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
7. Press ▼**CID** or **DIR**▲ to select the minute, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
8. Press ▼**CID** or **DIR**▲ to select the **AM** or **PM**, then press **MENU/SELECT** to confirm. There is a confirmation tone.

NOTES:

1. The date and time settings are common to the telephone base and the handsets. Setting the date and time on one sets the date and time for all.
2. If the clock is not set when a message is recorded, the system announces, *"Time and day not set."* before the message plays.

Handset settings

Voicemail (visual message waiting) indicator

If you subscribe to a voicemail service offered by your local telephone company, this feature provides a visual indication when you have new voicemail messages. The **VOICEMAIL** light on the telephone base flashes, and **NEW VOICEMAIL** and the icon appear on the handset screen.

NOTES:

1. This feature does not indicate new answering system messages recorded on your telephone.
2. For more information about the difference between your answering system and voicemail, see page 55.

Clear voicemail indication

Use this feature when the telephone indicates there is new voicemail but there is none. For example, when you have accessed your voicemail while away from home. This feature only turns off the displayed **NEW VOICEMAIL** message, icon and **VOICEMAIL** light; it does not delete your voicemail messages. As long as you have new voicemail messages, your local telephone company continues to send the signal to turn on the indicator.

To manually turn off the new voicemail indicator on a cordless handset:

1. Press **MENU/SELECT** when in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to **>CLR VOICEMAIL**, then press **MENU/SELECT**, **TURN OFF INDICATOR?** shows on the screen.
3. Press **MENU/SELECT** again to turn the voicemail indication off, or press **OFF/CLEAR** to cancel the procedure.

NOTES:

1. Telephone company voicemail might alert you to new messages with a stutter (broken) dial tone. Contact your telephone company for more details.
2. For information about using your voicemail service, contact your telephone company for assistance.

Handset settings

Home area code

If you dial seven digits to make a local call (no area code required), enter your area code into the telephone as the home area code. When you receive a call from within your home area code, the caller ID history only displays the seven digits of the telephone number.

This feature makes it easy for you to place a call from the caller ID log. If you dial 10 digits to make a local phone call, do not use this home area code feature. If you do, you cannot place calls from your caller ID log as they have only seven digits.

To set the home area code on a cordless handset:

1. Press **MENU/SELECT** in the idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>HOME AREA CODE**, then press **MENU/SELECT**.
3. Use the dial pad keys to enter a three-digit home area code. Press **MUTE/DELETE** to delete digits while entering.
4. Press **MENU/SELECT** to save and return to the main menu.

NOTE: If, in the future, your telephone service provider requires you to dial 10 digits to make a local call (area code + phone number), you need to delete your home area code. With the home area code displayed, press and hold **MUTE/DELETE** until the digits are deleted, and then press **MENU/SELECT**. The home area code is now restored to its default setting of _ _ _.

Answering system settings

Use the answering system menu on a handset to turn on or off the answering system, set up the announcement (greeting), and to change the number of rings, remote access code, and message alert tone.

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.

Answer on/off

Unless you change it, the answering system is on and ready to record messages. You can turn the answering system off, but if you do so, the answering system does not answer calls and record incoming messages.

To turn the answering system on or off from a cordless handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** again to select **>ANSWER ON/OFF**.
5. Press **▼CID** or **DIR▲** to select between **ON** and **OFF**, then press **MENU/SELECT** to confirm the setting and you hear a confirmation tone.

If the answering system is on, the handset screen shows the **ANS ON** icon.

NOTE: If the answering system is off and there is an incoming call, the system answers after 10 rings and announces to the caller, *"Please enter your remote access code."* For more information about remote access codes, see page 61.

Answering system settings

Announcement

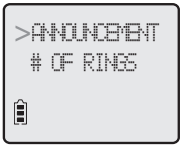
An announcement is the greeting callers hear when calls are answered by the answering system.

The telephone has a prerecorded outgoing announcement, *"Hello. Please leave a message after the tone."* You can use this announcement, or record your own announcement.

You can record an announcement up to 90 seconds. The system does not record any announcement shorter than one second.

To play your current outgoing announcement:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **2** to play the current announcement.



To record a new outgoing announcement:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **7** to record an announcement, the system announces, *"Record after the tone, press **5** when you are done."*
6. Press **5** when you finish the recording. Your recorded announcement plays.

To listen to the recorded announcement again, press **2** after playback is completed.

To record a new announcement, press **7** and follow the above steps.

NOTE: If the answering system is full and you want to record a new announcement, the system announces, *"Memory is full."* You must delete some messages before you can record a new announcement.

Answering system settings

To delete your outgoing announcement:

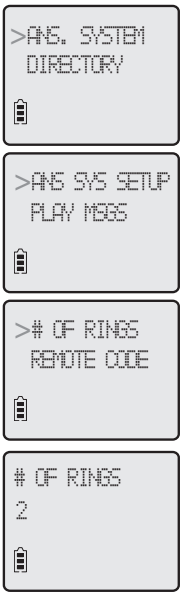
1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>ANNOUNCEMENT**, then press **MENU/SELECT**, the system announces, *"To play, press **2**. To record, press **7**."*
5. Press **3** to delete your recorded announcement. The system announces *"Announcement deleted."*

When your announcement is deleted, the system answers calls with the pre-recorded announcement described on the previous page.

Number of rings

You can set the answering system to answer an incoming call after two, four, or six rings. You can also select toll saver, which is explained below. Unless you change it, the answering system answers an incoming call after four rings.

To set the number of rings on a cordless handset:



1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **># OF RINGS**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to scroll and choose among **2**, **4**, **6** or **TOLL SAVER**.

   Toll saver - the answering system answers a call after two rings if you have new messages, and after four rings when there are no new messages. This feature allows you to check for new messages and avoid paying long distance charges when calling from out of your local area.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.

NOTE: If you subscribe to voicemail services through your telephone service provider, see **Answering system and voicemail** on page 55.

Answering system settings

Remote access code

To access your answering system remotely from any touch tone phone, you need to enter a two-digit number (10-99). Unless you change it, the remote access code is 19.

To change the remote access code on a cordless handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>REMOTE CODE**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to change the remote access code.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.

Message alert tone

When the message alert tone is set to **ON**, and there is at least one new message, the telephone base beeps every 10 seconds. Unless you change it, the message alert tone is set to off.

There is no audible alert at the handset.

To change the setting on a cordless handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to scroll to **>ANS SYS SETUP**, then press **MENU/SELECT**.
4. Press **▼CID** or **DIR▲** to scroll to **>MSG ALERT TONE**, then press **MENU/SELECT**.
5. Press **▼CID** or **DIR▲** to choose between **ON** and **OFF**.
6. Press **MENU/SELECT** to confirm your setting. A confirmation tone sounds.

NOTES:

1. The message alert tone beeps only if all the conditions below are met:
- Answering system is on.
- Message alert tone setting is on.
- There are new messages.

2. To temporarily turn off the message alert tone, see page 56.

Telephone base settings

Menu settings

Use the feature menu on the telephone base to customize how the telephone base works. Refer to page 14 to customize how a handset works.

1. Press **MENU/SELECT** in idle mode (when the phone is not in use) to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to the feature to be changed. When scrolling through the menu, the top menu item is always highlighted with a **>** symbol.
3. Press **MENU/SELECT** to select the highlighted item.

NOTE: To cancel an operation, back up to the previous menu or exit the menu display, press **CLEAR**. Press and hold **CLEAR** to return to idle mode.

Ringer volume

Using the main menu, you can set a ring volume level (1-6), or turn the ringer off. When the ringer is turned off, the 🔕 appears on the screen of the telephone base.

To adjust the **RINGER VOLUME** on the telephone base:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to the **>RINGER VOLUME** menu, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to sample each volume level.
4. Press **MENU/SELECT** to save your preference return to the main menu.

-OR-

Press the **VOLUME ▼▲** buttons on the telephone base in idle mode to change ringer volume.

NOTE: The ringer volume level also determines the ringer levels of intercom calls. If the telephone base ringer volume level is set to off, the base ringer is silenced for all incoming and intercom calls.

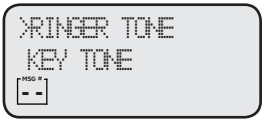
Telephone base settings

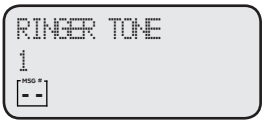
Ringer tone

This feature allows you to choose one of 10 ringer tones.

To choose a ringer tone on the telephone base:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to the >**RINGER TONE** menu, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to sample each ringer tone.
4. Press **MENU/SELECT** to save your preference and return to the main menu.





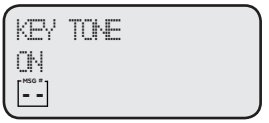
NOTE: If you turn off the ringer volume, you do not hear ringer tone samples.

Key tone

The handset is factory programmed to beep with each key press. If you turn off the **KEY TONE**, there will be no beeps when keys are pressed.

To turn the **KEY TONE** on or off on the telephone base:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to the >**KEY TONE** menu, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ON** or **OFF.**
4. Press **MENU/SELECT** to save your preference and return to the main menu.



LCD Language

In this menu, you can select the language used for all screen displays.

To select a language on the telephone base:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use ▼**CID** or **DIR**▲ to scroll to the >**LCD LANGUAGE** menu, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select **ENGLISH**, **FRANCAIS** or **ESPANOL.**
4. Press **MENU/SELECT** to save your preference and return to the main menu.

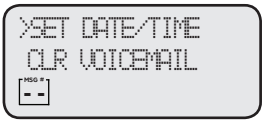
Telephone base settings

Set date/time

The answering system announces the day and time of the message prior to playing it. Before using the answering system, set the date and time as follows. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. The year must be set so that the day of the week can be calculated from the caller ID information.

Follow the steps below to set the month, day, year and time on the telephone base.

1. When the telephone base is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press ▼**CID** or **DIR**▲ to scroll to **>SET DATE/TIME**, then press **MENU/SELECT**.
3. Press ▼**CID** or **DIR**▲ to select the month, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
4. Press ▼**CID** or **DIR**▲ to select the day, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
5. Press ▼**CID** or **DIR**▲ to select the year, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
6. Press ▼**CID** or **DIR**▲ to select the hour, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
7. Press ▼**CID** or **DIR**▲ to select the minute, or enter the correct number using the dial pad, then press **MENU/SELECT** to confirm.
8. Press ▼**CID** or **DIR**▲ to select the **AM** or **PM**, then press **MENU/SELECT** to confirm. There is a confirmation tone.



NOTES:

1. The date and time settings are common to the telephone base and the handsets. Setting the date and time on one sets the date and time for all.
2. If the clock is not set when a message is recorded, the system announces, *"Time and day not set."* before the message plays.

Telephone base settings

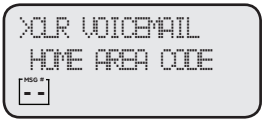
Voicemail (visual message waiting) indicator

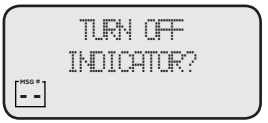
If you subscribe to a voicemail service offered by your local telephone company, this feature provides a visual indication when you have new voicemail messages. The **VOICEMAIL** light on the telephone base flashes, V M icon appears on the handset screen, and **NEW VOICEMAIL** appears on the screen of the telephone base.

NOTES:

1. This feature does not indicate new answering system messages recorded on your phone.
2. For more information about the difference between your answering system and voicemail, see page 55.

Clear voicemail indication





Use this feature when the telephone indicates that there is new voicemail but there is none. For example, when you have accessed your voicemail while away from home. This feature only turns off the displayed **NEW VOICEMAIL** message, V M icon and **VOICEMAIL** light; it does not delete your voicemail messages. As long as you have new voicemail messages, your local telephone company continues to send the signal to turn on the indicator.

To manually turn off the new voicemail indication:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to the **>CLR VOICEMAIL** menu, then press **MENU/SELECT**, **TURN OFF INDICATOR?** shows on the screen.
3. Press **MENU/SELECT** again to turn the voicemail indication off, or press **CLEAR** to exit.

NOTE: Telephone company voicemail may alert you to new messages with stutter (broken) dial tone. Contact your telephone company for more details.

Telephone base settings

Home area code

If you dial seven digits to make a local call (no area code required), enter your area code into the telephone as the home area code. When you receive a call from within your home area code, the caller ID history only displays the seven digits of the telephone number.

This feature makes it easy for you to place a call from the caller ID log. If you dial 10 digits to make a local phone call, do not use this home area code feature. If you do, you cannot place calls from your caller ID log as they have only seven digits.

To set the home area code on the telephone base:

1. Press **MENU/SELECT** in the idle mode to enter the main menu.
2. Use **▼CID** or **DIR▲** to scroll to **>HOME AREA CODE**, then press **MENU/SELECT**.
3. Use the dial pad keys to enter a three-digit home area code. Press **X DELETE** to delete digits while entering.
4. Press **MENU/SELECT** to save and return to the main menu.

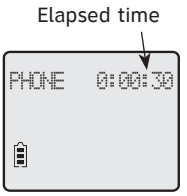
NOTES:

1. If, in the future, your telephone service provider requires you to dial 10 digits to make a local call (area code + phone number), you need to delete your home area code. With the home area code displayed, press and hold **X DELETE** until the digits are deleted, and then press **MENU/SELECT**. The home area code is now restored to its default setting of _ _ _.
2. The home area code settings are common to the telephone base and the handsets. Setting the home area code on one sets the home area code for all.

Making, answering, and ending calls

Making a call

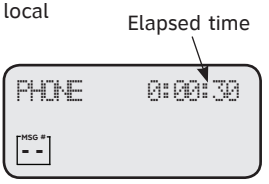
Using a cordless handset:



- Press **PHONE/FLASH** or **SPEAKER**, then enter the telephone number.

The screen displays the elapsed time as you talk (in hours, minutes and seconds).

NOTE: Pressing **PHONE/FLASH** to access services from your local telephone service provider does not affect the elapsed time.



Using the telephone base:

- Lift the corded handset or press **SPEAKER** on the telephone base, then enter the telephone number.

The screen displays the elapsed time as you talk (in hours, minutes and seconds).

On-hook dialing (predialing)

Using a cordless handset:

1. Enter the telephone number. Press **MUTE/DELETE** or **OFF/CLEAR** to make corrections when entering the phone number.
2. Press **PHONE/FLASH** or **SPEAKER** to dial.

Using the telephone base:

1. Use the dial pad on the telephone base to enter the telephone number, the number shows on the screen of the telephone base. Press **CLEAR** or **X DELETE** to make corrections as you enter the phone number.
2. Press **SPEAKER** or **DISP DIAL** to dial.

   -OR-

   Lift the corded handset to dial.

Answering a call

Using a cordless handset:

- Press **PHONE/FLASH** or **SPEAKER**.

  -OR-

- Press any dial pad key (0-9, * or #).

Using the telephone base:

- Lift the corded handset or press **SPEAKER**.

  -OR-

- Press any dial pad key (0-9, * or #).

Telephone operation

Temporary ringer silencing

Press **OFF/CLEAR** or **MUTE/DELETE** on a cordless handset, or press **MUTE** on the telephone base when there is a call to silence the ringer temporarily on that handset or the telephone base only. This turns off the ringer without disconnecting the call. The next incoming call rings normally at the preset volume.

NOTE: Each handset or the telephone base rings when there is an incoming call unless the ringer volume is turned off on that handset or the telephone base.

Ending a call

Using a cordless handset:

Press **OFF/CLEAR** or return the handset to the charger.

Using the telephone base:

Return the corded handset to the telephone base or press **SPEAKER** if you are using speakerphone.

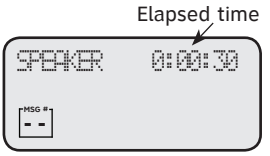
Auto off

A call ends automatically when you put the handset in the charger.

(If the base speakerphone is active, placing the corded handset in the base does not end the call.)

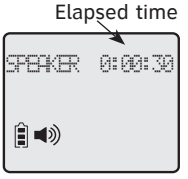
Clearspeak™ dial-in-base speakerphone

During a call, you can press **SPEAKER** on the telephone base to alternate between hands-free speakerphone and corded handset use.



Cordless handset speakerphone

During a call, press **SPEAKER** on a cordless handset to switch between hands-free speakerphone and normal handset use.



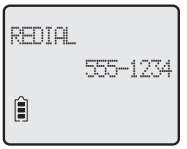
NOTES:

1. If you use the speakerphone during **LOW BATTERY** mode, the handset is not lit except for the **SPEAKER** button.
2. The speakerphone uses more power than the normal handset. If the handset battery becomes very low while you are using the speakerphone, the call remains in speakerphone mode until you hang up or the battery becomes depleted. When the battery is very low, you cannot switch a call from normal handset use to speakerphone mode.
3. After installing the battery into the handset, the screen may show **LOW BATTERY**. If you use speakerphone at this time, the battery may become depleted. Follow the instructions in the **Battery installation & charging** section on pages 8-9.

Clearspeak™ is a trademark of Advanced American Telephones.

Last number redial

Using a cordless handset:



- To display the most recently called number (up to 30 digits), press **REDIAL/PAUSE**.
- To view up to five recently called numbers, press **REDIAL/PAUSE** then ▼**CID** or **DIR**▲, or press **REDIAL/PAUSE** repeatedly.

The handset beeps twice at the beginning and at the end of the list.

Press **OFF/CLEAR** to exit.

To redial a number:

- To dial the displayed number, press **PHONE/FLASH** or **SPEAKER**.

  -OR-
- You can call the most recently called number by pressing **PHONE/FLASH** or **SPEAKER**, then pressing **REDIAL/PAUSE**.

While reviewing the redial memory, press **MUTE/DELETE** to delete the displayed number.

Using the telephone base:

- Press **REDIAL/PAUSE** to display the most recently called number (up to 30 digits).
- To view up to five recently called numbers, press **REDIAL/PAUSE** then ▼**CID** or **DIR**▲, or press **REDIAL/PAUSE** repeatedly.

The telephone base beeps twice at the beginning and end of the list. Press **CLEAR** to exit.

To redial a number:

- Press **SPEAKER** or **DISP DIAL** to dial the displayed number.

  –OR–

  Lift the corded handset to dial the displayed number.
- Press **SPEAKER** or lift the corded handset then press **REDIAL/PAUSE** to call the most recently called number (up to 30 digits).

Options while on calls

Volume control

On a cordless handset:

While on a call, press **VOLUME-/▼CID** to decrease or press **VOLUME+/DIR▲** to increase the listening volume.

On the telephone base:

While on a call, press **VOLUME ▼▲** to increase or decrease the listening volume.

NOTES:

1. Handset and speakerphone volume settings are independent.
2. When the volume reaches the minimum or maximum setting, you hear two beeps.

Call waiting

If you subscribe to call waiting service from your local telephone service provider, you hear a beep if someone calls while you are already on a call. Press **PHONE/FLASH** on the cordless handset or press **FLASH** on the telephone base to put your current call on hold and answer the new call. You can press **PHONE/FLASH** on the cordless handset or **FLASH** on the telephone base at any time to switch back and forth between the calls.

Mute

Use the mute function to turn off the microphone. You can hear the caller, but the caller does not hear you.

To mute the call on a cordless handset:

- Press **MUTE/DELETE** to silence the microphone. When mute is on, the handset screen shows **MUTED** for a few seconds and the **MUTE** icon shows until mute is turned off.

To un-mute the call on a cordless handset:

- Press **MUTE/DELETE** again and resume speaking. When mute is turned off, **MICROPHONE ON** shows temporarily on the handset screen.

To mute the call on the telephone base:

- Press **MUTE** to silence the microphone. When mute is on, the screen on the telephone base shows **MUTED** for a few seconds and the **MUTE** button turns red until mute is turned off.

To un-mute the call on the telephone base:

- Press **MUTE** again and resume speaking. When mute is turned off, **MICROPHONE ON** shows temporarily on the screen of the telephone base.

Options while on calls

Chain dialing

Use this feature to initiate a dialing sequence from the numbers in the directory, caller ID history, or redial memory while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, caller ID history, or redial list.

To access the directory while on a call:

Using a cordless handset:

1. Press **MENU/SELECT**.
2. Press **MENU/SELECT** again to enter the **>DIRECTORY**.
3. Press **▼CID** or **DIR▲** to scroll to the desired number.
4. Press **MENU/SELECT** on a cordless handset to dial the number shown.

Using the telephone base:

1. Press **DIR▲** to enter the **DIRECTORY**.
2. Press **▼CID** or **DIR▲** to scroll to the desired number.
3. Press **MENU/SELECT** or **DISP DIAL** on the telephone base to dial the number shown.

To access the caller ID history (call log) while on a call:

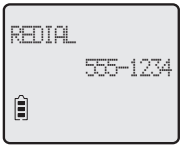
Using a cordless handset:

1. Press **MENU/SELECT**.
2. Press **▼CID** or **DIR▲** to scroll to **>CALL LOG**, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to scroll to the desired number.
4. Press **MENU/SELECT** on a cordless handset to dial the number shown.

Using the telephone base:

1. Press **▼CID** to enter the **CALL LOG**.
2. Press **▼CID** or **DIR▲** to scroll to the desired number.
3. Press **MENU/SELECT** or **DISP DIAL** on the telephone base to dial the number shown.

To access the last number redial while on a call:



Press **REDIAL/PAUSE** on a cordless handset or the telephone base to show and dial the most recently dialed number. If you press **REDIAL/PAUSE** again within two seconds, the system does not dial the number.

NOTES:

1. You cannot edit a directory entry while on a call. For more details about the directory, see page 38.
2. You cannot copy a caller ID entry into the directory while on a call. For more details about the caller ID history, see page 47.
3. If you press **REDIAL/PAUSE** while on a call, you can only view the most recent call, and you cannot erase the entry. For more details about the redial memory, see page 30.
4. Press and hold **OFF/CLEAR** on a handset, or press **CLEAR** on the telephone base to exit redial, directory or caller ID history when on a call.

Multiple handset use

Handset locator

The handset locator feature is useful if you misplace any handsets.

To start the paging tone:

- Press **INTERCOM/HANDSET LOCATOR** at the telephone base to start the paging tone on all handsets for 60 seconds. **INTERCOM TO:** appears on the screen for five seconds before the paging tone is sent to all handsets.

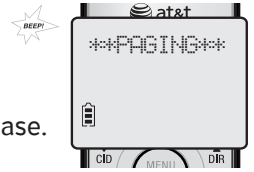
NOTE: If you press **OFF/CLEAR** or **MUTE/DELETE** on a handset, the ringer of the handset is off, but the page cycle continues for the duration of the 60 seconds.

To stop the paging tone:

- Press **PHONE/FLASH**, **SPEAKER**, or any dial pad key (0-9, *, or #) on the handset(s),

  –OR–

- Press **INTERCOM/HANDSET LOCATOR** on the telephone base.



NOTE: The handset ringer volume also determines the volume of the paging tone. If the handset ringer volume level is set to off, that handset is silent for all calls and paging (page 14).

Join a call in progress

You can conference with another system handset or the telephone base while on a call.

Using a cordless handset:

Press **PHONE/FLASH** or **SPEAKER** on another cordless handset.

Press **OFF/CLEAR** or place the handset in the charger to hang up. The call does not terminate until all handsets and the telephone base hang up.

Using the telephone base:

Lift the corded handset or press **SPEAKER** on the telephone base.

Place the corded handset in the telephone base or press **SPEAKER** to hang up. The call does not terminate until all handsets and the telephone base hang up.

NOTE: You can use a maximum of four cordless system handsets and the telephone base at the same time on an outside call.

Intercom

Use the intercom feature for conversations between handsets. You can buy additional expansion handsets (model AT&T CL80109) for this telephone base. You can register up to 12 handsets to the telephone base.

The first nine handsets that you register are named Handsets 1-9. Use the handset number to initiate intercom and transfer calls.

Although the names for handsets 10-12 appear in their displays as 10-12, when you intercom or transfer to one of them, you must use ***0** for Handset 10, ***1** for handset 11, and ***2** for Handset 12.

Using a cordless handset:

1. Press **INT** on your handset when not in use.

- If you have a single handset system, your handset screen shows **CALLING BASE**. The telephone base rings and its screen shows **HANDSET X IS CALLING**.

- If you have more than one handset, your screen shows **INTERCOM TO:** Enter a handset number, the screen then shows **CALLING HANDSET X**. The called handset rings and its screen shows either **OTHER HANDSET IS CALLING** or **HANDSET X IS CALLING**.

  -OR-

  Enter **0** to intercom with the telephone base. The screen shows **CALLING BASE**. The telephone base rings and its screen shows **HANDSET X IS CALLING**.

2. To answer the intercom call, press **PHONE/FLASH**, **INT**, **SPEAKER** or any dial pad keys (0-9, #, *) on the called handset. Both handsets now show **INTERCOM**.

   -OR-

   Press **SPEAKER** or any dial pad key (0-9, * or #) on the telephone base, or lift the corded handset to answer the intercom call.

3. To end the intercom call,

   Press **OFF/CLEAR** or **INT** on either handset, or place the handset in the charger.

   -OR-

   Press **INTERCOM/HANDSET LOCATOR** or **CLEAR** on the telephone base if you are using speakerphone mode, or return the corded handset to the telephone base.

NOTES:

1. Before the intercom call is answered, you can cancel the intercom call by pressing **OFF/CLEAR** or **INT** on the calling handset.
2. If the called handset is not answered within 100 seconds, or if it is in the directory or call log mode, or is on a call, or is out of range, the calling handset shows the message **UNABLE TO CALL TRY AGAIN**.
3. Pressing **OFF/CLEAR** or **MUTE/DELETE** on a cordless handset, or pressing **CLEAR** or **MUTE** on the telephone base temporarily silences the intercom ringer.

Intercom

4. When two cordless handsets are on an intercom call, you can use a maximum of two cordless handsets and the telephone base for an outside call; when a cordless handset and the telephone base are on an intercom call, you can only use a maximum of two cordless handsets for an outside call.

Using the telephone base:

You can initiate an intercom call at the telephone base with any system handset.

1. Press **INTERCOM/HANDSET LOCATOR** on the telephone base, **INTERCOM TO:** appears on the screen.
2. Enter a handset number. The screen shows **CALLING HANDSET X**. The called handset rings and its screen shows **BASE IS CALLING**.
3. On the ringing handset, press **PHONE/FLASH**, **INT**, **SPEAKER**, or any dial pad key (0-9, * or #) to answer the intercom call.

NOTES:

1. If you do not enter a handset number when **INTERCOM TO:** appears on the screen, the telephone base pages all system handsets. See **Handset locator** on page 33.
2. Before the intercom call is answered, you can cancel the intercom call by pressing **CLEAR** or **INTERCOM/HANDSET LOCATOR** on the telephone base.
3. If the called handset is not answered within 100 seconds, or if it is in the directory or call log mode, or is on a call, or is out of range, the calling handset shows the message **UNABLE TO CALL TRY AGAIN**.
4. Pressing **OFF/CLEAR** or **MUTE/DELETE** on a cordless handset temporarily silences the intercom ringer.

To end the intercom call:

- Press **OFF/CLEAR** or **INT** on the cordless handset, or place the handset in the charger.

  -OR-

  Press **INTERCOM/HANDSET LOCATOR** or **CLEAR** on the telephone base if you are using speakerphone mode, or return the corded handset to the telephone base.

Answer an incoming call during an intercom call

If you receive an incoming outside call during an intercom call, there is an alert tone.

Using a cordless handset:

- To answer the call, press **PHONE/FLASH**. The intercom call ends automatically.
- To end the intercom call without canceling the incoming call, press **OFF/CLEAR**.

Using the telephone base:

Press **SPEAKER** or lift the corded handset to answer the incoming call. The intercom call ends automatically.

Call transfer using intercom

Use the intercom feature to transfer an outside call to the telephone base or a cordless system handset.

Using a cordless handset:

1. During a call, press **INT**.

- If you have a single handset system, the outside call is put on hold and your handset screen shows **CALLING BASE**. The telephone base rings and its screen shows **HANDSET X IS CALLING**.
- If you have more than one handset, your screen shows **TRANSFER TO:** Enter a handset number. The screen then shows **CALLING HANDSET X** and the called handset rings and its screen shows either **OTHER HANDSET IS CALLING** or **HANDSET Y IS CALLING**.

  -OR-

  Enter **0** to transfer to the telephone base. The screen shows **CALLING BASE**. The telephone base rings and its screen shows **HANDSET X IS CALLING**.

2. On the ringing handset, press **PHONE/FLASH**, **INT**, **SPEAKER**, or any dial pad key (0-9, * or #) to answer the intercom call. You can now talk without the outside caller hearing the conversation.

   -OR-

   On the telephone base, press **INTERCOM/HANDSET LOCATOR**, **SPEAKER** or any dial pad key (0-9, * or #), or lift the corded handset to answer the intercom call. You can now talk without the outside caller hearing the conversation.

NOTES:

1. To cancel the transfer and return to the external call before the intercom call is answered, press and hold **OFF/CLEAR**, or press **PHONE/FLASH** or **INT** on your handset.
2. If the other handset does not answer the intercom call within 100 seconds, or if the other handset is in the directory or call log mode, or is out of range, the calling handset shows **UNABLE TO CALL TRY AGAIN** on its screen and automatically returns to the external call.

3. From this intercom call, you have the following options:

- You can let the other handset join you on the outside call in a three-way conversation. Press and hold **INT** on your handset.
- You can transfer the call. Press **OFF/CLEAR**, or place your handset back in the charger. Your screen shows **CALL TRANSFERED**. The other handset automatically connects to the outside call.
- You can alternate between the outside call (**OUTSIDE CALL** appears on the screen) and the intercom call (**INTERCOM** appears on the screen). Press **INT** on your handset to alternate.

Call transfer using intercom

- The other person can end the intercom call by pressing **OFF/CLEAR**, or by placing the other handset back in the charger. The outside call continues with the original system handset.

Using the telephone base:

1. During a call, press **INTERCOM/HANDSET LOCATOR.**

- If you have a single handset system, the telephone base's screen shows **CALLING HANDSET**. The handset screen shows **BASE IS CALLING**.
- If you have more than one handset, the telephone base's screen shows **TRANSFER TO:** Use the dialing keys to select the handset number. The telephone base's screen then shows **CALLING HANDSET X**. The handset screen shows **BASE IS CALLING**.

2. On the ringing handset, press **PHONE/FLASH**, **INT**, **SPEAKER**, or any dial pad key (0-9, * or #) to answer the intercom call. You can now talk without the outside caller hearing the conversation.
3. From this intercom call, you have the following options:

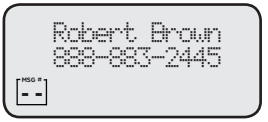
- You can let the handset join you on the outside call in a three-way conversation. Press and hold **INTERCOM/HANDSET LOCATOR** on the telephone base.
- You can transfer the call. Place your corded handset back in the telephone base, or press **SPEAKER** if you are using the speakerphone. The telephone base's screen shows **CALL TRANSFERED**. The handset automatically connects to the outside call.
- You can alternate between the outside call (**OUTSIDE CALL** appears on the screen) and the intercom call (**INTERCOM** appears on the screen). Press **INTERCOM/HANDSET LOCATOR** on the telephone base to alternate.
- The other person can end the intercom call by pressing **OFF/CLEAR**, or by placing the other handset back in the charger. The outside call continues with the telephone base.

About the directory

Shared directory

The directory is in the telephone base and is common for all handsets. Changes made to the directory from any handset apply to all.

NOTE: Only one party can review the directory at a time. If another party tries to enter the directory, the screen shows **NOT AVAILABLE AT THIS TIME**.



Capacity

The directory can store up to 50 entries, with a maximum of 15 alphanumeric characters (including spaces) for names and 30 digits for telephone numbers. A convenient search feature can help you find and dial numbers quickly (page 44).

If there are already 50 entries, the screen shows **LIST FULL**. You cannot store a new number until you delete one.

Exiting the directory

On the handset, press **OFF/CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display. Press and hold **OFF/CLEAR** to return to the idle mode.

-OR-

On the telephone base, press **CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display. Press and hold **CLEAR** to return to the idle mode.

If you pause for too long while creating or reviewing an entry, the procedure times out and you have to begin again.

Create directory entries

To create a new directory entry

Using a cordless handset:

1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Press **▼CID** or **DIR▲** to scroll to **>DIRECTORY**, then press **MENU/SELECT**.
3. Press **▼CID** or **DIR▲** to highlight **STORE**.
4. Press **MENU/SELECT**.
5. Enter the telephone number when prompted.
   - Use the dial pad to enter up to 30 digits.
     - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
     - Press **MUTE/DELETE** to erase digits.
     - Press and hold **MUTE/DELETE** to erase all digits.
     - Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause (a **p** appears).

       -OR-

       Copy a number from the redial list by pressing **REDIAL/PAUSE** then **▼CID** or **DIR▲**, or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the number.

6. Press **MENU/SELECT** to save the number.

   The display shows **ALREADY SAVED** if the number is already in the directory. You cannot save the same number twice.

Create directory entries

7. Enter the name when prompted.

   - Use the dial pad to enter a name (up to 15 characters). Each time you press a key, the character on that key appears. Additional key presses produce other characters on that key. See the chart below.
     - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
     - Press **MUTE/DELETE** to erase letters.
     - Press and hold **MUTE/DELETE** to erase all letters.
     - Press **#** to add a space.

Number key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	1	#	’	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number appear. To change them later, see page 45.

Create directory entries

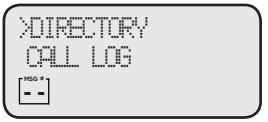
Using the telephone base:

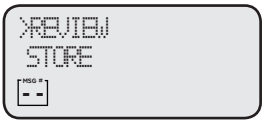
1. Press **MENU/SELECT** in idle mode to enter the main menu.
2. Press **MENU/SELECT** again to enter the **>DIRECTORY**.
3. Press **▼CID** or **DIR▲** to highlight **STORE**.
4. Press **MENU/SELECT**.
5. Enter the telephone number when prompted.
   - Use the dial pad to enter up to 30 digits.
     – Press **▼CID** or **DIR▲** to move the cursor to the left or right.
     – Press **X DELETE** to erase digits.
     – Press and hold **X DELETE** to erase all digits.
     – Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause (a **p** appears).

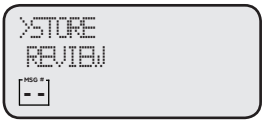
     -OR-

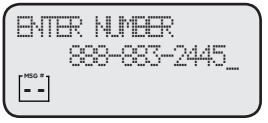
     Copy a number from the redial list by pressing **REDIAL/PAUSE** then **▼CID** or **DIR▲**, or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the number.
6. Press **MENU/SELECT** to save the number in the display.

   The display shows **ALREADY SAVED** if the number is already in the directory. You cannot save the same number twice.



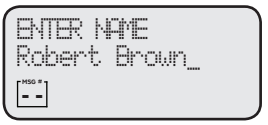






Create directory entries

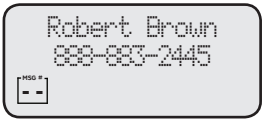
7. Enter the name when prompted.



- Use the dial pad to enter a name (up to 15 characters). Each time you press a key, the character on that key appears. Additional key presses produce other characters on that key. See the chart below.
  - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
  - Press **X DELETE** to erase letters.
  - Press and hold **X DELETE** to erase all letters.
  - Press **#** to add a space.

Number key	Characters by number of key presses								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1	1	#	'	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number appear. To change them later, see page 46.



Review directory

To review directory entries

Using a cordless handset:

1. Press **DIR▲** when in idle mode to show the first entry in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.

   -OR-

   You can also show the first entry in the directory by pressing **MENU/SELECT** when in idle mode, then press **▼CID** or **DIR▲** to scroll to **>DIRECTORY**, then press **MENU/SELECT** twice.

2. Press **▼CID** or **DIR▲** to browse through the directory. Entries appear alphabetically by the first letter in the name.

Using the telephone base:

1. Press **DIR▲** when in idle mode to show the first entry in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.

   -OR-

   You can also show the first entry in the directory by pressing **MENU/SELECT** when in idle mode, then press **MENU/SELECT** twice.

2. Press **▼CID** or **DIR▲** to browse through the directory. Entries appear alphabetically by the first letter in the name.

NOTE: If the telephone number in the directory exceeds 15 digits, <* appears in front of the telephone number. Press * to move towards the end of the telephone number or press # to move towards the beginning of the telephone number.

Search directory

To search by name

Follow the steps below to search for directory entries on a cordless handset or the telephone base.

1. Press **DIR▲** in idle mode to show the first listing in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.
2. When a name entry appears, press the dial pad keys (2-9) to start a name search.

   The directory shows the first name beginning with the first letter associated with the dial pad key if there is an entry in the directory beginning with that letter.
3. To see other names starting with the letters on the same dial pad key, keep pressing the key. The names appear in alphabetical order.

For example, if you have the names **Jennifer**, **Jessie**, **Kevin** and **Linda** in your directory:

- If you press **5 (JKL)** once, you see **Jennifer**.
- If you press **5 (JKL)** twice, you see **Jessie**.
- If you press **5 (JKL)** three times, you see **Kevin**.
- If you press **5 (JKL)** four times, you see **Linda**.
- If you press **5 (JKL)** five times, you see **Jennifer** again.

NOTES:

1. If there is no name matching the first letter of the key you press, the directory shows a name matching the following letters of the key.
2. If you press a key (2-9) and no name starts with the letters on that key, the directory shows the entry matching the next letter in the directory.

To dial, delete or edit entries

To dial, delete or edit a directory entry (name and number), the entry must be shown on the handset. Use the directory review or search (pages 43-44) to show an entry.

Display dial

To dial a displayed number from the directory,

- Press **PHONE/FLASH** or **SPEAKER** on a cordless handset.

  -OR-

- Press **DISP DIAL** or **SPEAKER** on the telephone base, or lift the corded handset.

To delete an entry

When a directory entry appears, press **MUTE/DELETE** on a cordless handset or press **X DELETE** on the telephone base to delete the displayed entry from the directory. You cannot retrieve a deleted entry.

To edit an entry

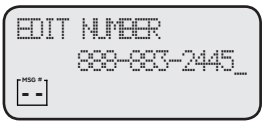
When a directory entry appears:

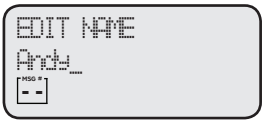
Using a cordless handset:

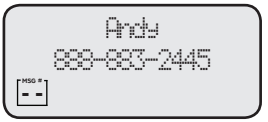
1. Press **MENU/SELECT** to modify the entry. You are prompted to **EDIT NUMBER**.
   - Press the dial pad keys to add digits.
   - Press **MUTE/DELETE** to erase digits.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to add a three-second pause, if desired (a **p** appears).
   - Copy a number from the redial list by pressing **REDIAL/PAUSE**. Then press **▼CID** or **DIR▲**, or press **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the selected number.
2. Press **MENU/SELECT**. You are prompted to **EDIT NAME**.
   - Press the dial pad keys to add characters (page 40).
   - Press **MUTE/DELETE** to erase characters.
   - Press and hold **MUTE/DELETE** to erase all digits.
   - Press **#** to insert a space.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
3. Press **MENU/SELECT** to confirm.

To dial, delete or edit entries

Using the telephone base:







1. Press **MENU/SELECT** to modify the entry. You will be prompted to **EDIT NUMBER**.
   - Press the dial pad keys to add digits.
   - Press **X DELETE** to erase digits.
   - Press and hold **X DELETE** to erase all digits.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to add a three-second pause if desired (a **p** appears).
   - Copy a number from redial by pressing **REDIAL/PAUSE** then **▼CID** or **DIR▲**, or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/SELECT** to copy the number.
2. Press **MENU/SELECT**. You will be prompted to **EDIT NAME.**
   - Press the dial pad keys to add characters (page 42).
   - Press **X DELETE** to erase characters.
   - Press and hold **X DELETE** to erase all digits.
   - Press **#** to insert a space.
   - Press **▼CID** or **DIR▲** to move the cursor to the left or right.
3. Press **MENU/SELECT** to confirm.

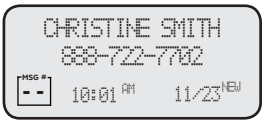
About caller ID

This product supports caller ID services that most local telephone service companies provide. Depending on your service subscription, you might see the caller's number, or the caller's name and number from the telephone company after the first or second ring. Caller ID allows you to see the name, number, date and time of calls.

Information about caller ID with call waiting

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, while on another call.

It might be necessary to change your telephone service to use this feature. Contact your telephone company if:



- You have both caller ID and call waiting, but as separate services (you might need to combine these services).
- You have only caller ID service, or only call waiting service.
- You don't subscribe to caller ID or call waiting services.

There are fees for caller ID services. In addition, services may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment. The time and date are from the telephone company along with the call information.

Caller ID information might not be available for every incoming call. Callers may intentionally block their names and/or telephone numbers. To view call log entries with numbers between 16 and 23 digits, you must save the entry to the directory (see page 52)

NOTE: You can use this product with regular caller ID service, or you can use this product's other features without subscribing to caller ID or combined caller ID with call waiting service.

Caller ID history

How the caller ID history (call log) works

The telephone stores caller ID information about the last 50 incoming calls in the telephone base. Entries are stored in reverse chronological order. The phone deletes the oldest entry when the log is full to make room for new calls. This information is shared by the telephone base and all system handsets. If you answer a call before the information appears on the screen, it does not show in the caller ID history.

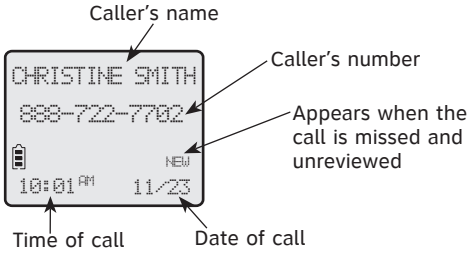
Review the caller ID history to find out who called, to easily return the call, or to copy the caller's name and number into your directory.

XX MISSED CALL(S) appears if there are new call log entries (including missed and unreviewed calls). **CALL LOG EMPTY** appears if there are no records in the call log.

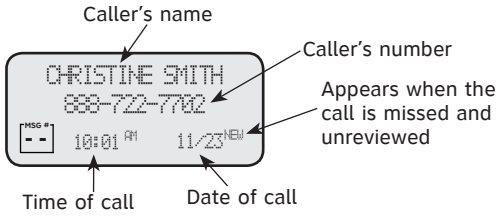
NOTES:

1. Only one party can review the caller ID history at a time. If another party tries to enter the directory or caller ID history, it shows **NOT AVAILABLE AT THIS TIME**.
2. Each entry may have up to 24 digits for the phone number and 15 characters for the name. If the phone number has more than 15 digits, only the last 15 digits appear. For call log entries with numbers between 16 and 23 digits, in order to view the entire number, you must save the entry to the Directory (page 52). For instructions on viewing the digits, see the note on page 43. If the phone number has more than 24 digits, it is not saved or shown in the call log. The caller ID information might not be available for every incoming call.
3. The callers might intentionally block their names and/or telephone numbers.

Handset screen display



Screen display of the telephone base



Caller ID operation

Memory match

If the incoming telephone number exactly matches a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

For example, if Christine Smith calls, her name appears as Chris if this is how you entered it into your directory.

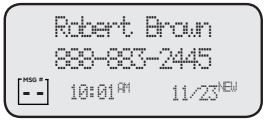
NOTE: The number you see on your caller ID is in the format from the phone company. The phone company usually delivers ten-digit phone numbers (area code plus phone number). If the telephone number of the caller does not exactly match a number in your directory, the name appears from the phone company records. For example, if the phone company includes the area code and the directory number does not, the name appears as delivered by the phone company.

Missed (new) calls indicator

When a cordless handset or the telephone base is in idle mode and has unreviewed calls, its screen shows **XX MISSED CALLS**.

All unreviewed entries are counted as missed calls. Each time you review a call log entry with the icon **NEW**, the number of missed calls decreases by one.

If you do not want to review the missed calls one by one, but you still want to keep them in the caller ID history, you can press and hold **OFF/CLEAR** on a cordless handset or press and hold **CLEAR** on the telephone base for four seconds when the handset is idle. All the entries in the caller ID history become old (have been reviewed), and the system removes the missed calls alert from the display.



Caller ID operation

To review the caller ID history

Using a cordless handset:

1. When a handset is in idle mode, press ▼**CID** to review the caller ID history in reverse chronological order starting with the most recent call.

   -OR-

   You can also review the caller ID history by pressing **MENU/SELECT**, then press ▼**CID** or **DIR**▲ to scroll to **>CALL LOG**, then press **MENU/SELECT** twice to **REVIEW**.
2. Press ▼**CID** or **DIR**▲ to scroll through the list.
3. Press **OFF/CLEAR** to exit the caller ID history.

You hear a double beep when the list reaches the beginning or end of the call log.

Using the telephone base:

1. Press ▼**CID** to review the caller ID history. The caller ID history displays the caller ID entries in reverse chronological order starting with the most recent call.

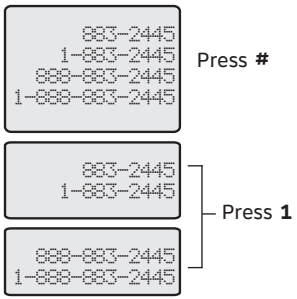
   -OR-

   You can also review the caller ID history by pressing **MENU/SELECT**, then use ▼**CID** or **DIR**▲ to scroll to the **>CALL LOG**, then press **MENU/SELECT** twice to **REVIEW**.
2. Press ▼**CID** or **DIR**▲ to scroll through the list.

Make a call log entry ready to dial

Although the incoming call log entries have 10 digits (the area code plus the seven-digit number), in some areas, you might need to dial only the seven digits, 1 plus the seven digits, or 1 plus the area code plus the seven digits. You can change and store the number of digits that you dial in the call log.

While reviewing the call log, press **#** repeatedly on a cordless handset or the telephone base to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.



Press **1** repeatedly on a cordless handset or the telephone base if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

When the number shows in the correct format for dialing, press **PHONE/FLASH** or **SPEAKER** to call the number on a cordless handset. Press **SPEAKER** or **DISP DIAL**, or lift the corded handset to call the number on the telephone base.

Caller ID operation

Dial a call log entry

Using a cordless handset:

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **PHONE/FLASH** or **SPEAKER** to dial the entry.

Using the telephone base:

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **SPEAKER** or **DISP DIAL**, or lift the corded handset to dial the entry.

Delete entries

Using a cordless handset:

- Press **MUTE/DELETE** to delete the shown entry from the caller ID history.
- Follow the steps below to delete all call log entries.
  1. Press **MENU/SELECT** when in idle mode.
  2. Press ▼**CID** or **DIR**▲ to scroll to **>CALL LOG**, then press **MENU/SELECT**.
  3. Press ▼**CID** or **DIR**▲ to scroll to **>DEL ALL CALLS**, then press **MENU/SELECT**.
  4. When the screen shows **DELETE ALL CALLS?** press **MENU/SELECT** to clear the caller ID history of all entries, or press **OFF/CLEAR** to exit and leave all entries in the caller ID history intact.

Using the telephone base:

- Press **X DELETE** to delete the shown entry from the caller ID history.
- Follow the steps below to delete all caller ID history.
  1. Press **MENU/SELECT** when in idle mode
  2. Press ▼**CID** or **DIR**▲ to scroll to **>CALL LOG**, then press **MENU/SELECT**.
  3. Press ▼**CID** or **DIR**▲ to scroll to **>DEL ALL CALLS**, then press **MENU/SELECT**.
  4. When the screen shows **DELETE ALL CALLS?** press **MENU/SELECT** to clear the caller ID history of all entries, or press **CLEAR** to exit and leave all entries in the caller ID history intact.

Caller ID operation

Save a call log entry to the directory

Using a cordless handset:

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **MENU/SELECT** to select an entry. The screen displays **EDIT NUMBER**.
3. Use the dialing keys to edit the number.
   - Press **MUTE/DELETE** to backspace and erase a digit.
   - Press and hold **MUTE/DELETE** to erase the entire entry.
   - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
4. Press **MENU/SELECT** to move to the name. The screen displays **EDIT NAME**.
   - Use the dial pad keys to add characters (page 40).
   - Press **MUTE/DELETE** to erase characters.
   - Press and hold **MUTE/DELETE** to erase all characters.
   - Press ▼**CID** or **DIR**▲ to move the cursor to the left and right.
   - Press **#** to insert a space.
5. Press **MENU/SELECT** when done and the handset shows **SAVED**.
   - If the entry is already saved in the directory, the handset shows **ALREADY SAVED**.
   - If there is no caller ID information, the handset shows **UNABLE TO SAVE**.

Using the telephone base:

1. When in the call log, press ▼**CID** or **DIR**▲ to browse.
2. Press **MENU/SELECT** to select an entry. The screen displays **EDIT NUMBER**.
3. Use the dialing keys to edit the number.
   - Press **X DELETE** to backspace and erase a digit.
   - Press and hold **X DELETE** to erase the entire entry.
   - Press ▼**CID** or **DIR**▲ to move the cursor to the left or right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
4. Press **MENU/SELECT** to move to the name. The screen displays **EDIT NAME**.
   - Use the dial pad keys to add characters (page 42).
   - Press **X DELETE** to erase characters.
   - Press and hold **X DELETE** to erase all characters.
   - Press ▼**CID** or **DIR**▲ to move the cursor to the left and right.
   - Press **#** to insert a space.

5. Press **MENU/SELECT** when done and the handset shows **SAVED**.
    - If the entry is already saved in the directory, the handset shows **ALREADY SAVED**.
    - If there is no caller ID information, the handset shows **UNABLE TO SAVE**.

NOTES:

1. You might need to change how a caller ID number is dialed if the entry does not appear in the correct format. Caller ID numbers might appear with an area code that might not be necessary for local calls, or without a 1 that might be necessary for long distance calls (page 50).
2. If neither the name nor number is available, **UNABLE TO SAVE** appears.

Reasons for missing caller ID information

There are also occasions when other information or no information shows for various reasons:

On-screen message	Reason
PRIVATE NUMBER	The caller prefers not to show the phone number.
PRIVATE NAME	The caller prefers not to show the name.
PRIVATE CALLER	The caller prefers not to show the phone number and name.
UNKNOWN NUMBER	Your local telephone company cannot determine the caller's number.
UNKNOWN NAME	Your local telephone company cannot determine the caller's name.
UNKNOWN CALLER	Your local telephone company cannot determine the caller's name and telephone number. Calls from other countries may also generate this message.

About the answering system

Answering system and voicemail

Your telephone has both a digital answering system and voicemail indication. Most telephone companies offer voicemail services (fees may apply). Your telephone's answering system and voicemail indication are independent features. Each alerts you to new messages differently. For more information on the voicemail indicators, see page 17. To listen to your voicemail, you typically follow the instructions that your voicemail service provider provides. To listen to messages on your digital answering system, press ▶/■ **PLAY/STOP** button on the telephone base.

If you subscribe to caller ID/call waiting service through your telephone service provider, you can use your telephone answering system and voicemail together. Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, set your voicemail to answer calls after six rings and set your answering system to answer after four rings.

NOTE: Some voicemail providers may program the delay before answering calls in seconds instead of rings; in this case, allow six seconds per ring when determining the appropriate setting. By doing this, if you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Message capacity

The answering system can record up to 99 messages, depending on the length of each message. Individual messages can be up to four minutes, and the recording time is approximately 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

When there are new messages (including memos) on the answering system, the number of messages stored flashes in the message counter.

If the number of messages and **F** are flashing alternatively in the message counter, the memory is full. You must delete some messages before recording new ones.

Turn the answering system on or off at the telephone base

Unless you change it, the answering system is on and ready to record messages. You can turn the answering system off, but if you do so, the answering system does not answer calls and record incoming messages.

Press ⏻ **ANSWER ON** to turn the answering system on or off. If the answering system is turned on, it announces *"Calls will be answered."* If the answering system is turned off, it announces *"Calls will not be answered."*

Voice prompts

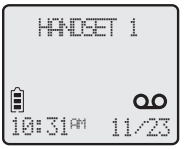
The system provides voice prompts to guide you through remote access and recording outgoing announcements.

About the answering system

New message indication

The message counter on the telephone base flashes and shows on the handset when there are new answering system messages.

If the new message alert tone is turned on (page 22), the telephone base beeps every 10 seconds when there are unreviewed messages.



NOTE: If the answering system has less than five minutes of recording time left, it announces the remaining time.

Call screening at the telephone base

If the answering system is on and the telephone base volume is not off (set to 1 or higher), you hear the announcement and the incoming message when receiving a call. If you want the telephone base to be silent while recording messages, make sure you set the telephone base volume to 0.

Call intercept

While screening a call, you can stop recording and speak to the caller.

- Press **PHONE/FLASH** or **SPEAKER** on a cordless handset.

  -OR-

- Press **SPEAKER** or lift the corded handset.

Base ringer

Press **VOLUME ▲▼** on the telephone base to adjust the ringer volume when the telephone is not in use.

You hear a sample of the ringer while adjusting the volume. The telephone base announces, *"Base ringer is off."* when you set the volume to 0.

Temporarily turning off the message alert tone

Pressing any telephone base key temporarily silences the message alert tone.

If you press **X DELETE** when in idle mode, there is a voice prompt to direct you to press **X DELETE** again to delete all old messages, and the message alert tone is temporarily off.

The message alert tone is reactivated with the next incoming message.

Message playback

If you have new messages, you hear only the new messages (oldest first). If there are no new messages, the system plays back all the messages (oldest first).

When playback begins, the total number of messages is announced. Before each message, you hear the day and time of the recording. After the last message, you hear, *"End of messages."* If the system has less than five minutes of recording time left, you hear the remaining time.

To listen to messages at the telephone base:

Press ▶/■ **PLAY/STOP** on the telephone base to listen to the messages. The system announces the number of messages, then begins playback. Press ▶/■ **PLAY/STOP** again to end the message playback.

To listen to messages on a cordless handset:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again to select **>ANS. SYSTEM**.
3. Press **MENU/SELECT** to select **>PLAY MSGS**.

The system announces the number of messages, then begins playback. The message sequence is shown on the handset screen. If there are no recorded messages, the screen shows **NO MESSAGES**.

Message playback

Options during playback

When a message is playing, you can adjust the playback volume, skip, repeat, or delete the message.

When messages are playing on the telephone base:

- Press **VOLUME ▲▼** to adjust the message playback volume.
- Press **SKIP** to skip to the next message.
- Press **REPEAT** to repeat the message. Press twice to hear the previous message.
- Press **X DELETE** to delete the message.
- Press **▶/■ PLAY/STOP** to stop the playback.

When messages are playing on the handset:

- Press **▼CID** or **DIR▲** to adjust the message playback volume.
- Press **6** to skip to the next message.
- Press **4** to repeat the message. Press twice to hear the previous message.
- Press **3** to delete the message.
- Press **5** to stop the playback.
- Press **SPEAKER** to switch between speakerphone mode and handset mode.

To delete all old messages

You can only delete old (reviewed) messages. You cannot delete new messages until you review them. You cannot retrieve deleted messages.

To delete all old messages on the telephone base:

1. When the telephone is idle, press **X DELETE**. The system announces, *"To delete all old messages, press **DELETE** again."*
2. Press **X DELETE** again. The system announces, *"All old messages deleted."*

To delete all old messages on the handset:

1. Press **MENU/SELECT** when in idle mode to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press **▼CID** or **DIR▲** to select **>DEL ALL OLD**, press **MENU/SELECT,** the screen then shows **DELETE ALL OLD MSGS?**
4. Press **MENU/SELECT** again to confirm. The screen shows **ALL OLD MSGS DELETED!** and you hear a confirmation tone.

Recording & playing memos

Memos are messages you record at a handset. You can save, play back, and delete them like incoming messages. You can record a memo as a reminder to yourself, or leave a message for others who use the answering system.

To record a memo:

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press **MENU/SELECT** again.
3. Press ▼**CID** or **DIR**▲ to select **>RECORD MEMO**, then press **MENU/SELECT**. The system announces, *"Record after the tone. Press **5** when you are done."* You can record a memo for up to four minutes. The system does not save memos shorter than one second.
4. Speak facing the handset to record the memo.
5. Press **5** to stop recording. The system announces, *"Recorded."*

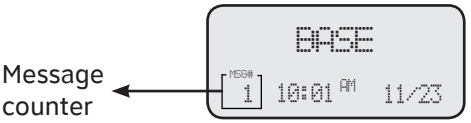
NOTE: If you record a memo when the memory is full, the system announces, *"Memory is full."*

To play back a memo

Play memos the same way as messages. See **Message playback** on page 57.

Base message counter displays

The base message counter shows the total number of answering system messages. See the table below for other message counter displays.



Message counter displays

0	No messages.
0 (flashing)	You need to set the clock (pages 16 & 25).
1–99	Total number of old messages and memos, or message number currently playing during old message playback.
1–99 (flashing)	Total number of messages and memos. The number flashes when there are new (unreviewed) messages. After a power failure, the number in the message counter flashes to indicate that you need to set the clock.
1–99 & F (alternating)	Memory is full. You must delete some messages before recording new messages.
---- ----	The system is answering a call on the telephone base, or someone is trying to reach it remotely. The system is in program mode.

Remote access

You can reach your answering system remotely by dialing your home telephone number from any touch-tone telephone.

To remotely reach your answering system:

1. Dial your telephone number from any touch-tone telephone.
2. When the system answers, enter the two digit remote access code (**19** is the default code, see page 22 to change it).

   The system automatically announces the number of messages (new and/or old) if there are any, and then begins to play them.
3. You can also enter the following remote commands.

Remote commands

1	Press to listen to all messages.
2 ABC	Press to listen to new messages only.
3 DEF	Press to delete the current message (during playback).
3 DEF 3 DEF	Press twice to delete all old messages.
4 GHI	Press to repeat the current message (during playback).
4 GHI 4 GHI	Press twice to listen to the previous message.
5 JKL	Press to stop any operation (including recording).
* TONE 5 JKL	Press to listen to a list of remote commands.
6 MNO	Press to skip to the next message (during playback).
* TONE 7 PQRS	Press to record a new announcement.
8 TUV	Press to end remote access (the call will be terminated).
0 OPER	Press to turn the answering system on or off.

4. Hang up to end the call and save all undeleted messages.

   Cut out and carry the remote access wallet card at the back of this user's manual for quick reference.

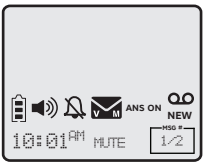
NOTES:

1. If you do not enter a valid remote access code, the system answers the call automatically.
2. If you pause for more than four seconds during remote access, you hear a help menu listing all features and commands. If there is no command for another 20 seconds, the call ends automatically.
3. If you want to delete all the old messages remotely, press 3 twice in remote standby mode.
4. If the memory is full, the answering system answers after 10 rings and announces, *"Memory is full. Enter the remote access code."* Enter your remote access code to access the messages and announcements.

Alert tones and lights

Handset screen icons

	Battery status - battery is charging (animated display).
	Battery status - low battery (flashing); place handset in the charger to recharge.
	SPEAKERPHONE - the speakerphone is in use.
	Ringer off - the handset ringer is off.
	NEW VOICEMAIL - there are new voicemail from the local telephone company.
ANS ON	Answering system is on.
	Message - new message in the answering system.
NEW	Missed and unreviewed calls.
MUTE	Microphone is off.
	Message counter - number of messages playing.



Handset alert tones

Two short beeps	You are pressing the ▼**CID** or **DIR**▲ keys when the volume is already at its highest or lowest setting.
Four short beeps	Low battery warning.
Three beeps	Out of range while the handset is on a call.
Three rising tones	The system has completed the command successfully.

Telephone base tone

Beeps every 10 seconds	Message alert.

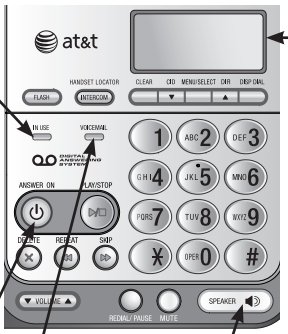
Lights

IN USE
On when the handset is in use or when you are registering a handset.

Flashes when another telephone is in use on the same line, or when you are deregistering handset(s) from the telephone base.

Flashes quickly when there is an incoming call.

⏻ ANSWER ON
On when the answering system is on and ready to receive calls.



VOICEMAIL
Flashes when you have new voicemail. Voicemail service is from your local telephone company.

SPEAKER
On when the speakerphone is on.

CHARGE
On when the handset is charging in the charger.

Lighted display

Lighted key pad

SPEAKER
On when the speakerphone is on.

Appendix B

Handset and telephone base display screen messages

Screen display messages

ALREADY SAVED	The telephone number you have entered is already in the directory.
CALL LOG EMPTY	You are trying to reach an empty caller ID history.
CALL TRANSFERED	You are transferring an outside call to another cordless handset or the telephone base.
CALLING HANDSET X (For systems with two or more handsets)	The handset is calling the other handset (for intercom calls).
CHARGING	A handset with a low battery is in the charger.
CONNECTING...	The handset has lost communication with the telephone base.
DIRECTORY EMPTY	There are no directory entries.
ENDED	You have just ended a call.
HANDSET X IS CALLING (For systems with three or more handsets)	Another system handset is calling.
HANDSET X REGISTERED	The handset registration is successful, with X being the handset number.
INCOMING CALL	There is a call coming in.
INTERCOM	The handset is on an intercom call.
INTERCOM ENDED	The intercom call has just ended.
INTERCOM TO: (For systems with two or more handsets)	You have started the intercom process, and need to enter the number of the handset you wish to call.
LINE IN USE	An extension phone, or one of the handsets, or the telephone base is in use.
LIST FULL	The directory is full. You cannot save any new entries unless you delete some current entries.
LOW BATTERY	You should charge the battery.
MICROPHONE ON	Mute is off so the other party can hear your voice.
XX MISSED CALLS	There are new calls in the caller ID history.
MUTED	The microphone is off.
NEW VOICEMAIL	There are new voicemail messages.
NO LINE	There is no telephone line connection.

Appendix B

Handset and telephone base display screen messages

Screen display messages

NO SIGNAL, CALL ENDED	The handset is out of range while on a call.
NOT AVAILABLE AT THIS TIME	Someone else is already using the directory or caller ID history.
OTHER HANDSET IS CALLING (For system with two handsets)	The other handset is calling.
OUTSIDE CALL	You are on the external call during call transfer.
** PAGING **	The telephone base is paging handset(s).
PHONE	The handset is in use.
PLACE IN CHARGER	The battery is very low. The handset should be charged.
RINGER MUTE	The ringer is off temporarily during an incoming call.
SAVED	The entry in caller ID history is now in the directory.
SPEAKER	The handset speakerphone is in use.
TRANSFER TO: (For systems with two or more handsets)	You have started transferring a call, and need to enter the desired handset number.
UNABLE TO CALL TRY AGAIN	Failed intercom or conference call (there are already two handsets being used).
UNABLE TO SAVE	You are trying to save an entry with no name or number from the caller ID history.

Appendix C

Expansion handset

Your new AT&T CL84109/CL84209/CL84309 telephone system can accommodate up to 12 handsets. You can add new handsets (AT&T CL80109, available separately) to your telephone system, you must register each device with the telephone base before use. To register a new handset, see page 67.

The handset with the CL84109 comes as **HANDSET**. You can register up to 11 additional handsets to the telephone base, and the handset numbers are in numerical order (**HANDSET 2**, **HANDSET 3**, **HANDSET 4** and so on).

The handsets that come with the CL84209 are **HANDSET 1**, **HANDSET 2**. You can register up to 10 additional handsets to the telephone base, and they are assigned numbers in sequential order (**HANDSET 3**, **HANDSET 4**, **HANDSET 5** and so on).

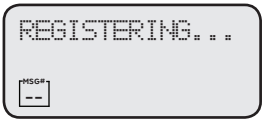
The handsets that come with the CL84309 are **HANDSET 1**, **HANDSET 2** and **HANDSET 3**. You can register up to nine additional handsets to the telephone base, and they are assigned numbers in sequential order (**HANDSET 4**, **HANDSET 5**, **HANDSET 6** and so on).

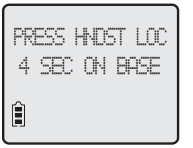
Adding and registering handsets (optional)

Handsets purchase separately (AT&T CL80109) need to be registered to the telephone base before use. When first purchased, all expansion handsets show **NOT REGISTERED** on the screen. New handsets may need to be charged without interruption for at least 10 minutes before registering to the telephone base.

To register a handset to your telephone base

1. Make sure the handset is out of the charger and shows **NOT REGISTERED** before you begin registration.
2. Press and hold **INTERCOM/HANDSET LOCATOR** on the telephone base for about four seconds (until the red **IN USE** light on the telephone base is on) and then release the button, the screen of the telephone base shows **REGISTERING...** The **IN USE** light remains on while the telephone base attempts to register a handset.
3. Place the unregistered handset into the charger, **PRESS HNDST LOC 4 SEC ON BASE** shows on the handset screen. The handset is now registering with the telephone base. The handset then shows **PLEASE WAIT...** and it takes up to 60 seconds to complete the registration. There is a beep sound when the registration is successful. The handset shows **HANDSET X REGISTERED**, with **X** being the handset number (1-12).





NOTES:

1. If the registration is not successful, the screen shows **NOT REGISTERED**. To reset the handset, remove the handset from the charger, then start again from step 2 above.
2. You cannot register a handset if any other system handset is in use.

Deregistering a handset

You may need to deregister your handsets if:

You have twelve registered handsets and need to replace a handset.

-OR-

You wish to change the designated handset number of your registered handsets.

You must first deregister ALL the handsets, and then re-register each handset you wish to use, one at a time.

Please read carefully through all the instructions on this page before beginning the deregistration process.

To deregister all handsets

1. Press and hold **INTERCOM/HANDSET LOCATOR** on the telephone base for about 10 seconds (until the **IN USE** light starts to flash), then release the **INTERCOM/HANDSET LOCATOR** button.
2. Immediately press and release **INTERCOM/HANDSET LOCATOR** again. You must press **INTERCOM/HANDSET LOCATOR** while the **IN USE** light is still flashing. (The light flashes for about seven seconds. If the light stops flashing, pick up the handset and place it back into the charger, then start again with step one above.)
3. The handsets show **CONNECTING...** and it takes about 10 seconds to complete the deregistration process. ALL handsets show **NOT REGISTERED** when deregistration is successful.
4. To re-register handsets to the telephone base, follow the registration instructions on page 67.

NOTES:

1. If the deregistration process is not successful, you might need to reset the system and try again. To reset: pick up the handset and press the **PHONE/FLASH** button, then press the **OFF/CLEAR** button and place the handset back into the charger. You can also reset by unplugging the power from the telephone base and plugging it back in.
2. You cannot deregister the handset(s) if any other system handset is in use.
3. Even if the battery is depleted, you can still deregister the handset by following the steps above. After the handset is charged for at least 10 minutes, the screen shows **NOT REGISTERED**.

Appendix D

Troubleshooting

If you have difficulty with your phone, please try the suggestions below. For Customer Service, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

My phone doesn't work at all.	• Make sure the power cord is securely plugged in. • Make sure you plug the battery connector securely into the cordless handset. • Make sure you plug the telephone line cord securely and firmly into the telephone base and the telephone wall jack. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the charger when not in use. • If the battery is depleted, it might take approximately 10 minutes to charge the handset before it shows **LOW BATTERY**, see page 8 for details. • Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • You may need to purchase a new battery. Please refer to **Battery installation & charging** in this user's manual on pages 8-9.
I cannot get a dial tone.	• First try all the suggestions above. • Move the cordless handset closer to the telephone base. You might have moved out of range. • If the previous suggestions do not work, disconnect the telephone base from the telephone jack and connect to a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company. • Your line cord might be malfunctioning. Try installing a new line cord.
I cannot dial out.	• First try all the suggestions above. • Make sure you have a dial tone before dialing. The cordless handset might take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing.

	• Eliminate any background noise. Noise from a television, radio or other appliances might cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room with less background noise. • If the other phones in your home are having the same problem, contact your local telephone company (charges might apply).
My cordless handset isn't performing normally.	• Make sure you plug the power cord securely into the telephone base. Plug the power adapter into a different, working electrical outlet without a wall switch. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.
The handset registration is unsuccessful.	Follow the steps below to re-register the handset. 1. Make sure the handset is out of the charger and shows **NOT REGISTERED** before you begin registration. 2. Press and hold **INTERCOM/HANDSET LOCATOR** for about four seconds (until the red **IN USE** light on the telephone base is on) and then release the button. 3. Place the unregistered handset into the charger. Refer to the handset registration section on page 67 for details.
The handset screen shows **PRESS HNDST LOC 4 SEC ON BASE** and the handset is out of the charger.	Unplug the battery from the handset and plug it back in (page 8). The screen should now show **NOT REGISTERED** and you can follow the registration instructions on page 67.

Troubleshooting

CONNECTING... appears on my cordless handset.

- Ensure you plug the telephone base in properly and the power is on.
- Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to synchronize.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.

The batteries do not hold a charge.

- If the cordless handset is in the charger and the charge light is not on, refer to **The charge light is off** (page 74) in this **Troubleshooting** guide.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the charger when not in use.
- If the battery is depleted, it might take approximately four minutes to charge the handset before it can resume display on the screen.
- You might need to purchase a new battery. Please refer to **Battery installation & charging** in this user's manual on pages 8-9.

I get noise, static, or weak signals even when I'm near the telephone base.

- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems as a result of DSL interference. Please contact your DSL service provider for more information about DSL filters.
- You may be able to improve the performance of your cordless phone by installing your new telephone base as far as possible from any other existing cordless telephone system that may already be installed.

	• Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones. • Do not install this phone near a microwave oven or on the same electrical outlet. You might experience decreased performance while the microwave oven is operating. • If you plug your phone in with a modem or a surge protector, plug the phone (or modem/surge protector) into a different location. If this does not solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector. • Relocate your phone to a higher location. The phone might have better reception in a high area. • If the other phones in your home are having the same problem, contact your local telephone company (charges may apply).
I experience poor sound quality when using the speakerphone.	• For increased sound quality while using the handset speakerphone, place the handset on a flat surface with the dial pad facing up. • Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should stop speakerphone operation and return to normal handset mode. • When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party, press **MUTE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **MUTE** again to turn the microphone on.
I hear other calls while using my phone.	• Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, call your local telephone company.

Troubleshooting

My cordless handset does not ring when I receive a call.	• Make sure that the ringer is not off. Refer to the section on ringer selection in this user's manual. • Make sure you plug in the telephone line cord securely into the telephone base and the telephone jack. Make sure you plug in the power cord securely. • The cordless handset may be too far from the telephone base. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the charger when not in use. • You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones. • The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor. • If the other phones in your home are having the same problem, contact your local telephone company (charges might apply). • Test a working phone at the phone jack. If another phone has the same problem, contact your local telephone company (charges might apply). • Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as television sets, VCRs, or other cordless telephones. • Re-install the battery, and place the cordless handset in the charger. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place. • Your line cord might be malfunctioning. Try installing a new line cord.
My calls cut in and out while I'm using my cordless handset.	• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones. • Do not install this phone near a microwave oven or on the same electrical outlet. You might experience decreased performance while the microwave oven is operating.

	• If you plug your phone in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this does not solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector. • Relocate your telephone base to a higher location. The phone might have better reception when installed in a high area. • If the other phones in your home are having the same problem, contact your local telephone company (charges may apply). • Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should stop speakerphone operation and return to normal handset mode. • When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party, press **MUTE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **MUTE** again to turn the microphone on.
The charge light is off.	• Make sure you plug the power and line cords in correctly and securely. • Unplug the electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Clean the cordless handset and telephone base charging contacts each month with a pencil eraser or cloth.
My caller ID isn't working.	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your phone. • The caller must be calling from an area that supports caller ID.

	• Both you and your caller's telephone companies must use caller ID compatible equipment. • If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems resulting from DSL interference. Please contact your DSL service provider for more information about DSL filters.
System does not receive caller ID when on a call.	• Make sure you subscribe to caller ID with call waiting features from your local telephone company. Caller ID features works only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.
The answering system is recording incomplete messages.	• If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes. • If the caller pauses for longer than seven seconds, the system stops recording and disconnects the call. • If the system's memory becomes full during a message, the system stops recording and disconnects the call. • If the caller's voice is very soft, the system may stop recording and disconnects the call.
I have difficulty hearing messages.	• Press **VOLUME▲** to increase speaker volume on the telephone base. • Press **DIR▲/+VOLUME** to increase the listening volume on a handset.
System does not answer after correct number of rings.	• Make sure that the answering system is on (pages 19 & 55). • If toll saver is activated, the number of rings changes to two when you have new messages stored (page 21). • If the memory is full or the system is off, the system will answer after 10 rings.
System announces *"Time and day not set."*	• You need to reset the system clock (pages 16 & 25).

Troubleshooting

System does not respond to remote commands.	• Make sure to enter your remote access code correctly (page 61). • Make sure you are calling from a touch-tone phone. When you dial a number, you should hear tones. If you hear clicks, the phone is not a touch-tone telephone and cannot activate the answering system. • The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code. • There may be interference on the phone line you are using. Press the dial pad keys firmly.
System does not record messages.	• Make sure the answering system is on (pages 19 & 55). • Make sure the memory of the answering system is not full. • If you have voicemail service in addition to your answering system, your callers' messages may be going into voicemail before your answering system picks up the call. Program your voicemail to pick up at least two rings greater than the number of rings your answering system is set to answer the call. See **Answering system and voicemail** on page 55 for more information.
Outgoing announcement is not clear.	• When you record your announcement, make sure you speak in a normal tone of voice, about nine inches from the telephone base. • Make sure there is no background noise (TV, music, etc.) while recording.
Common cure for electronic equipment.	If the telephone does not seem to be responding normally, try putting the cordless handset in the charger. If it does not seem to respond, do the following (in the order listed): • Disconnect the power to the telephone base. • Disconnect the cordless handset battery, and spare battery, if applicable. • Wait a few minutes. • Connect power to the telephone base. • Re-install the battery, and place the cordless handset into the charger. • Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.

Appendix E

Maintenance

Taking care of your telephone

- Your cordless telephone contains sophisticated electronic parts, so you must treat it with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- You can damage your telephone if it gets wet. Do not use the handset in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Then pull the unit out by the unplugged cords.

Appendix F

Important safety information

This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Safety information

- Read and understand all instructions in the user's manual. Observe all markings on the product.
- Avoid using a telephone during a thunderstorm. There may be a slight chance of electric shock from lightning.
- Do not use a telephone in the vicinity of a gas leak. If you suspect a gas leak, report it immediately, but use a telephone away from the area where the gas is leaking. If this product is a cordless model, make sure the telephone base is also away from the area.
- Do not use this product near water, or when you are wet. For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquid, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- Install this product in a protected location where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- If this product does not operate normally, see the **Troubleshooting** section on pages 69-76 of this user's manual. If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** section on pages 82-83. Do not open this product except as directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- Replace batteries only as described in your user's manual, see pages 8-9. Do not burn or puncture batteries — they contain caustic chemicals.
- This power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

Caution: Use only the power adapter provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Important safety information

Especially about cordless telephones

- Privacy: The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the handset by radio waves, so there is a possibility that your cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- Electrical power: The telephone base of this cordless telephone must be connected to a working electrical outlet which is not controlled by a wall switch. Calls cannot be made from the handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.
- Potential TV interference: Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- Rechargeable batteries: This product contains nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conductive material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- Nickel-metal hydride rechargeable batteries: Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-metal hydride rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8-BATTERY for locations accepting spent Ni-MH batteries.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

Should keep wireless telephones at least six inches from the pacemaker.

Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.

Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

Especially about telephone answering systems

Two-way recording: This unit does not sound warning beeps to inform the other party that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform the other party that you are recording the conversation.

SAVE THESE INSTRUCTIONS

Appendix G

FCC part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with the applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable the alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Appendix H

FCC part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

Appendix I

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**.

1. What does this limited warranty cover?

The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package ("PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?

During the limited warranty period, the manufacturer's authorized service representative will repair or replace at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer will retain defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer will return repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

3. How long is the limited warranty period?

The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

4. What is not covered by this limited warranty?

This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or
- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
- PRODUCT returned without valid proof of purchase (see item 6 below); or
- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

Limited warranty

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**. NOTE: Before calling for service, please review the user's manual; a check of the PRODUCT controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the PRODUCT(s) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty to you. Transportation, delivery or handling charges are prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

6. What must you return with the PRODUCT to get warranty service? You must:

- Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and
- Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and
- Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer's responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix J

Technical specifications

RF frequency band	1921.536 MHz — 1928.448 MHz
Channels	5
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 130 Vrms
Telephone base voltage (AC adapter output)	6VDC @400mA
Handset voltage	2.4 — 3.2 VDC
Charger voltage (AC adapter output)	6VAC @300mA

Operation	Operating time*
Talk time (cordless handset)	Up to eight hours
Talk time (cordless handset speakerphone)	Up to five hours
Standby	Up to six days

* Operating times varies depending on your actual use and the age of the battery.

DECT 6.0 digital technology

The AT&T DECT 6.0 products offer unsurpassed range performance and sound clarity. This is achieved through a unique antenna design and advances in noise-filtering technology. An independent laboratory has confirmed that AT&T DECT 6.0 products perform up to 45% better in range competitions. Now calls can be taken in the basement, backyard and garage with exceptional sound quality.

Telephone operating range

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance — which can vary with the locations of the telephone base and handset, the weather, and the construction of your home or office.

Redefining long range coverage and clarity

This telephone base comes with an antenna which gives much better clarity and covers a longer range than before.

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Remote access wallet card

Use the wallet card below to help you remember commands to control your answering system from any touch tone telephone.

Cut along dotted line.

Call your phone number, then enter your two-digit access code (preset to **19**).

Action	**Remote command**
Play all messages	1
Play new messages	2
Delete the message	3
Delete all old messages	33
Repeat or go back	4
Stop	5
Help menu	*5

Fold here.

Skip the message	6
Record announcement	*7
End remote access call	8 (or hang up)
Turn system off or on	0

Model name: **CL84109/CL84209/CL84309**
Type: **DECT 6.0 corded/cordless telephone/answering system with caller ID/call waiting**

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